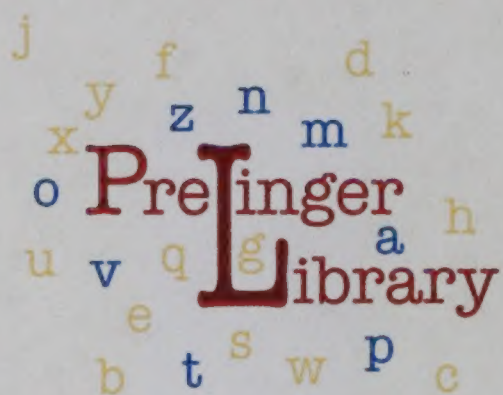

**INDEX OF ARMY
MOTION PICTURES
FILM STRIPS
SLIDES
AND
PHONO-RECORDINGS**

**HEADQUARTERS, DEPARTMENT OF THE ARMY
JANUARY 1962**

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DEPARTMENT OF THE ARMY
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INDEX OF ARMY MOTION PICTURES, FILM STRIPS, SLIDES, AND PHONO-RECORDINGS

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SECTION I

INTRODUCTION

1. Purpose and Scope

This pamphlet is for the use of training instructors, information and education (I&E) leaders, and other film users of the Regular Army and civilian Reserves. It lists both classified and unclassified approved Department of the Army motion picture films and film strips, and phono-recordings available for use in training and information programs.

2. Security Classification of Films

The security classification of each classified film is included in the pertinent data given in the numerical index, section III. Titles of such films, if unclassified, are followed by (U).

3. How to Locate Films

a. Table of Contents on Pages 1 Through 4.

- (1) To locate films by branch of service or other major category, refer to the category index, section II of the table of contents.
- (2) If the exact release number of a film is known, refer to the numerical index, section III of the table of contents.
- (3) If the exact title of the film is known, refer to the alphabetical index, section IV of the table of contents.

b. The Numerical Index Provides Complete Information on Each Film. This includes a synopsis and other pertinent data. The category index and the alphabetical index give cross-reference page numbers where the synopsis for each film can be found in the numerical index.

4. How to Borrow Films and Equipment

a. Regular Army and Reserve units must fill out DA Form 11-44 (Films and Film Strips Loan Order) to borrow films and film strips from Army film and equipment exchanges by local pickup or by mail order.

b. Regular Army and Reserve units that do not have projection equipment on hand must fill out DA Form 11-43 (Projection Equipment Loan Order) to borrow projection equipment for films and film strips from their respective Army film and equipment exchanges.

5. Army Film and Equipment Exchange Services

The following services are available:

a. Loans of film and equipment, including motion pictures, sound film strips, silent film strips, Department of the Army phono-recordings, and appropriate equipment, as required.

b. Advisory services, such as recommending appropriate films for training and information programs, proper utilization of films in training, and advising instructors on professional exhibition techniques.

c. Literature, such as film references, periodic film announcements, and special announcements on pertinent films.

d. Courses for training and licensing unit projectionists of the Regular Army and civilian Reserves.

e. Loans of films cleared for public nonprofit, television and theatrical exhibition to appropriate civilian organizations and professional groups.

f. Maintenance of Department of the Army films rescored into foreign languages for aiding foreign allied governments, for training foreign nationals, and for training in foreign languages.

6. Proper Use of Films

After selection of appropriate films for training and information programs, the film program should be carefully planned. Employ the same procedures used for other training techniques, i.e.—

a. *Preparation.* Preview the film to ascertain what it contains, using the appropriate film reference, if available. The instructor should select the key points of emphasis, the items which may be omitted or touched upon lightly, and the portions that are obsolete or require explanation. Arrange in advance for projectionist, film, and equipment. Reserve a classroom theater with ample seating capacity, effective blackout provisions, an electrical outlet for the projector, and proper ventilation.

b. *Presentation.* Introduce the film in the most effective manner that will prepare the audience to observe the film to greatest advantage. Show the film.

c. *Followup Activities.* Carefully planned followup activities, such as discussions, an oral or written quiz, and practical applications, as appropriate, increase the effectiveness of training films. The contents of the film and the facilities available will determine the nature of the following exercises to be used.

d. References.

(1) Films.

TF 11-1574—The Technique of Good Projection.

TF 11-1572—Film Tactics.

TF 21-2301 through TF 21-2306—Military Instructions.

(Each film should be used individually to fit into appropriate lesson plans to teach a specific point of instruction.

The series is not designed to be shown as a package.)

(2) Manual. FM 21-6—Techniques of Military Instruction.

SPECIAL SERVICES

Note. See also I&E Specialized AFIF 200 through 240. For a partial list of these films see pages 202-203.

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*Based on AFIF 200.

SECTION II

CATEGORY INDEX

7. General

Use this index to locate films for training and information programs. It is broken down in 32 main categories (such as branches of service or other major breakdowns) and a number of subdivisions in certain of the larger categories. See the table of contents on pages 1 through 4, for locating major categories and subcategories. This is the important functional index for film users. Use the numerical index, section III, only if the exact release number of a film is known and further film information is required. Use the alphabetical index, section IV, only if the exact title of a film is known.

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SPECIAL SERVICES

Note. See also I&E Sportsreels AFIF 200 through 240. For numerical list of these films see pages 202-206.

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*Sound film strip (SFS).

*For synopsis
see page No.*

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40. General

Following is a list of film series in alphabetical order with release numbers of each series in numerical sequence, e.g., Armed Forces Information Films (AFIF), Armed Forces Screen Magazines (AFSM), Campaign Reports (CR), Combat Bulletins (CB), etc. Complete information, such as the synopsis and other pertinent data, is given for each film. Use the category index, section II, to locate films for training and information programs. Use the alphabetical index, section IV, only if the exact title of the film is known.

41. Armed Forces Information Films (AFIF)

Armed Forces Information Films (AFIF) are intended for the information and character guidance of all personnel of the armed forces, including the civilian components.

AFIF No.

1 Discussion Technique

Methods used in conducting discussion hour—Forum, symposium, debate, panel, conference and committee methods—Informal group techniques—Stimulation of independent thinking and free interchange of ideas (29 min—1950).

2 Oversea Duty

Conditioning personnel for oversea duty—Types of problems encountered and how to deal with them—Conduct of individual soldier—Serviceman as a representative of American democracy (20 min—1950).

3 Attack in the Pacific

Naval war in the Pacific—Disaster of Pearl Harbor—Battle of Coral Sea—Battle of Midway—Eventual superiority of US naval forces—Neutralization of Japanese naval strength (50 min—1950).

4 Service Plus

Integrity as keynote of character in modern serviceman—Necessary moral qualities of a good soldier, sailor, marine, or airman (19 min—1950).

5 Communism

History of world-wide communism—How it is organized to propagate and incite revolution throughout the rest of the world—How communists in America carry out their activities—Awareness and vigilance by members of the armed forces (32 min—1950).

6 Teamwork and You

Importance of teamwork in growth of this Nation—Coordination of effort of team to gain final victory (10 min—1950).

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AFIF No.

7 Serving the Nation

Military forces' activities contribute to advance of civilian health, economy, safety, transportation, communications, science, and industry—Medical developments—Air Force School of Aviation Medicine conducts tests on effects of atmospheric and pressure changes on human body—New and superior aircraft and other means of transportation—Naval research—Underwater explosion and its effect on future methods of building ships—Military uses of television for training and tactical purposes (15 min—1950).

8 Economy is Everybody's Business

Functions of the Federal Government as a management organization—Reasons for keeping the armed forces on a high level of preparedness during time of peace—Magnitude of national expenditures—Problem of balancing military necessities and the economic capacity (19 min—1950).

9 Armed Forces of the USA

Mission of armed forces—Civilian control of services, showing diagrammatically how authority emanates from the President as Commander in Chief—Victory attained only by combined efforts (22 min—1950).

10 Productivity—Key to Plenty

Analysis of American production and consumption cycle—Growth of industrial and agricultural productivity—How increased production brings increased buying power and extra leisure for the working man—American per capita income (20 min—1950).

12 Preparedness and National Security

Pacifism and disarmament following WW I—Unpreparedness at start of WW II—Necessity for preparing defense before possible future attack—Preparedness measures—Active participation in UN—National Security Act of 1947—Central Intelligence Agency—Research and Development Board—National Security Resources Board—Coordinating state civil defenses (22 min—1951).

13 Standards of a Serviceman

Discipline and teamwork—Military code—Methods used to instill discipline (12 min—1951).

14 My Country 'Tis of Thee

Highlights of American history, emphasizing the need for preserving the American heritage of freedom (21 min—1951—Color—Commercial Adaptation).

15 Payday Pitfalls

Series of still cartoons with sound track accompaniment showing various methods employed to fleece soldiers on payday (13 min—1951).

17 Why Korea?

Threatened political and social freedoms—Countering militant forces of world communism with force (30 min—1951—Commercial Adaptation—Printing discontinued).

18 Evaluating a Nation

Evaluation of nations in terms of national and global power—Standards by which weakness and strength of nations are measured—Czechoslovakia—The MacKinder concept of the World Island—Nazi doctrine of geopolitics—Modern polar conception of geography—Necessity for sending American troops to western Europe (19 min—1951).

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AFIF No.

19 Fighting Words

Techniques and objectives of psychological warfare—Effective uses of propaganda in the termination of conflicts between nations (23 min—1951).

21 Face-to-face with Communism

Seizure of American town by populace in the manner of the communists to illustrate what could happen in USA (26 min—1951).

22 Letter to a Rebel

Advantages of American system of free enterprise (17 min—1951—Commercial Adaptation).

23 Dangerous War Trophies

War trophy safety committees and the Alcohol and Tax Division of the Treasury Department inspect, de-activate, and register war trophies—Twofold responsibility of trophy holder in preventing accidents and transfer of these weapons to the underworld (12 min—1953).

24 Keeping Informed

Importance of freedom of thought (12 min—1951).

25 A Free People

The story of our country and the people who helped achieve its greatness—Our precious legacy, the ideal of freedom for everybody (23 min—1952).

27 Strategic Iran

The geography, terrain, government, past and present cultures, economics, and politics of Iran, the crossroads of the East (14 min—1952).

28 This is Great Britain

Contrasting the England of yesteryear, rich in heritage and the love of pageantry, with the England of today, gamely fighting for industrial and general economic recovery (15 min—1952—Commercial Adaptation).

29 Portugal

Highlights in the country's history and present-day conditions—Strategic importance to NATO countries (14 min—1952).

30 Formosa

Highlights of Formosa's historical background, current social, economic, and military status—Strategic significance in world affairs—Refuge of Nationalist Chinese forces since WW II—Physical, industrial, and agricultural restoration and development through UNRRA and US assistance—American military aid since Korean war to resist communist threat of invasion (13 min—1952).

31 Turkey—The Land of In-between

A country of contrasts where East meets West and North meets South—Lying across the trade routes of the world, the Republic of Turkey is vitally significant in the political scheme and a powerful ally in the North Atlantic Treaty Organization (17 min—1952).

32 Spain

Geography, cultural and political history, government, social and economic structure, and strategic significance of Spain in Europe's complex political picture—Our alliance with Spain is a necessity and an asset militarily because of her geographic location and her intense anticommunistic conviction (10 min—1953).

33 Brazil

Report on a vast, though underpopulated frontier-type nation, rich with natural resources and yet unexplored natural wealth—Advances wrought through current industrialization program (15 min—1953).

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AFIF No.

34 Yugoslavia

Geography, people, political history, government, economic structure, and importance of communistic Yugoslavia in stemming the tide of Russian communism in the Mediterranean area—Formerly the agricultural supply line for Russia—Yugoslavia renounced Soviet domination in 1948 and since has been receiving US aid (11 min—1953).

36 1952 Olympic Games

A pictorial report of the 15th modern Olympiad held in Helsinki, Finland—Athletes from 67 countries participate in sports competitions (29 min—1953).

37 Korea and Communism in the Pacific

James A. Michener, author, as guest panelist discusses such topics as: improving propaganda program in Korea; danger of losing Asia to communism; use of Chinese Nationalists in Korea; use of atomic bomb in Korea; Korean economic recovery, and evaluation of peace talks (32 min—1953—Commercial Adaptation).

38 Years of Crisis

An interview conducted by Edward R. Murrow with correspondents whose duty stations are in areas around the world—Topics discussed include American-European relationships, Japanese trade, France's attitude toward NATO, Germany's potential strength, Russia's intentions, and the menace of communism to world peace (36 min—1953).

39 President Eisenhower's State of the Union Message

President Eisenhower's first State of the Union message defines major policies on foreign and domestic matters to the 83d Congress (63 min—1953—Commercial Adaptation).

40 How to Get Along in France

French family life, customs, government, and politics depicted and explained to American service personnel that they may better understand the land and people where they may be stationed (27 min—1953).

41 About Rumors

An analysis of the problem of rumors—Characteristics—How created and spread—Effects on both individuals and national security—How to detect and combat rumors—Individual responsibility to fight enemy rumors (14 min—1953—Color).

42 Australia

Geography, government, economy, industries, social customs, and traditions of Australia including her historical development and current role in world affairs (12 min—1953).

43 Canada

A pictorial study of Canada's geography, early history, current life, industries, economy, government, and present role in world affairs (18 min—1953).

44 How to Get Along in a Foreign Country

Provides valuable information for Americans abroad, especially service personnel stationed in foreign lands, in the counteracting of communist efforts to discredit America (16 min—1953).

45 Decision at Williamsburg

The decision at Williamsburg, Virginia, on May 15, 1776, prompted the new and independent nation, the USA—Prelude to the independence

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AFIF No.

period—Causes and events of the American Revolution—Signing the Declaration of Independence (20 min—1953—Color).

46 The Hoaxters

Techniques used by Hitler, Mussolini, Tojo, and Stalin in their efforts to dominate the world—Current threats to peace of world by communists (38 min—1953—Commercial Adaptation).

47 Your Money and Prices

Causes of inflation analyzed—Discussion of various stages of American economy from 1938 to 1953—Relationship of nation's available money and material wealth (22 min—1953—Color—Commercial Adaptation).

48 The Philippines

The Philippine Islands—Geography, political history, people, religions, industries, government, activities in WW II, and current role in world affairs—Evidences of centuries of Spanish rule—American influence on language, schools, military, and economy—Rehabilitation and reconstruction since WW II (15 min—1953).

50 Armed Forces Forum—George F. Kennan Discusses Communism

Mr. Kennan, a former ambassador to Russia, discusses international communism with a group of enlisted personnel (43 min—1953).

52 Norway—Denmark

Geography, historical background, and current social, economic, and political status of both countries—Stress on role in world affairs (19 min—1954—*Not authorized for public exhibition*).

53 Austria

Historical background, current social, economic, and political status, and strategic significance of Austria in cold war against international communism—US military and economic aid (17 min—1954).

54 The Benelux Countries

Historical background, current social, economic, and military status of the countries which comprise Benelux, Belgium, the Netherlands, and Luxemburg (22 min—1954).

55 Greece

Study of modern Greece—Political, economic, technical, and military development with US aid—Role as a member of NATO (18 min—1955).

56 You in Great Britain

Highlights of cultural and political history of Great Britain—Customs and qualities of the British people—Strategic significance for the prevention of further spread of communism in western Europe (34 min—1955).

58 India

Although India is 5,000 years old, it is a new country democracy-wise—India's strategic location on the continent of Asia places her in a position of potential political prominence (19 min—1954).

59 Alaska

Historical background, social, economic, and military status—Extensive development by armed forces activity—Strategic significance due to proximity of Soviet land masses and polar air routes—Military tests, exercises, and maneuvers (21 min—1954).

60 Panama

Historical background and current social, economic, and military status—Function and welfare of US Armed Forces stationed in Canal Zone—

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AFIF No.

Strategic significance of the US and to the defense of the Americas (19 min—1955).

62 Operation Ivy

Detonation of "Mike", first hydrogen bomb, on test island of Eniwetok Atoll—Various phases of test illustrate efforts and responsibilities of Army, Navy, and Air Force task groups and scientific groups—Effects of blast observed from helicopters operated by radiological safety monitors—Fireball superimposed over maps of New York and Washington, D.C., to show areas of light damage, moderate damage, severe damage, and total annihilation (28 min—1954—Color—From Air Force Special Weapons Project AFSWP 21-4-52).

63 The Price of Liberty

Documented role of women in the preservation of our liberty from the Revolutionary period to the post-Korean conflict (11 min—1954).

65 Iceland

Historical background, and current social, economic, and political status—Strategic significance in Western defense plans—Member of UN, signatory of NATO—US Forces in Iceland (23 min—1954).

67 You in Germany

Role of American serviceman in Germany—Importance of mutual understanding and respect between serviceman and German people (31 min—1955—Withdrawn from all types of public exhibition).

70 Headquarters USA

A pictorial tour of Washington, D. C., highlighting past and present symbols of the greatness of America—Tour covers various official business buildings; the White House; the Capitol; Washington, Jefferson, and Lincoln memorials; National Archives; and the Tomb of the Unknown Soldier (30 min—1955).

71 Brief on Italy

Italy's great past, nature of her people, and present mode of life explained to American serviceman so that he may better understand the land and people—Importance of friendly, respectful behavior for good Italian-American relations—Role as a participant in the Western Alliance for the defense of freedom (27 min—1955).

73 Tom Schuler—Cobbler Statesman

Story of Tom Schuler, a cobbler of the Revolutionary Era—His interest in the problems of the colonies on the issue of Federal and State Rights played a small but vital role in the history of our nation—Private citizens of today can do much to improve the American way of life by taking such interest and accepting responsibilities in solving problems facing our country (29 min—1958—Color—Commercial Adaptation).

74 Workshop for Peace

Pictorial tour of permanent United Nations headquarters in N.Y., highlighting the mission, organization, activities, and accomplishments of the UN body—Established in 1945, the UN consists of 60 member nations (30 min—1955).

75 The Communist Weapon of Allure

Dr. Warren B. Walsh, Professor at Syracuse University, explains how Communist persuasion is designed to appeal to the basic human hungers (36 min—1956).

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76 Communist Blueprint for Conquest

Mr. Boris H. Klosson, Department of State, explains the methods and techniques used by the Communist Party to seize power in a country (33 min—1956).

77 In Honor of Liberty

A documentary on the Statue of Liberty—Stress on the greatness of its symbolism—That men shall be free (19 min—1957).

78 You in Japan

Aimed at servicemen stationed in Japan—A study of Japan's political, economic, social, religious, and military aspects (20 min—1956).

79 Your Congressman at Work (Man on the Hill)

Responsibilities of a "typical" member of Congress—Relation of Department of Defense to Congress—Importance of voting intelligently (20 min—1956—Color).

81 Morning Coffee with Dorothy Thompson

Miss Thompson explains to a group of service wives how the behavior of Americans abroad relates to the support of the U.S. foreign policy (27 min—1957).

82 This is France

Reporter interviews French citizens to gain knowledge of French history, ethnology, government, political ideology, industry, agriculture, social customs and religion, and relation with United States in world affairs (27 min—1958).

83 The Battle of Gettysburg

Historical events and strategy of the Battle of Gettysburg presented against background of scenes at Gettysburg National Military Park (30 min—1957—Color—Commercial Adaptation).

85 A Motion Picture History of the Korean War

Shows the problems and the fighting encountered by American and United Nations Forces—Events from initial gunfire in 1950 to armistice in 1953—Tactical roles of Army, Navy, Air Force, and Marines in their retreat south down the peninsula, offensive north, and counter-offensive at 38th Parallel—"Operation Killer" turned tide of battle—Korea emerges from bitter conflict stronger than before (58 min—1958)

86 Navy Uniform

Shows the sailor's garb throughout American history, from the Revolutionary era to the present day—Many changes in design were made prior to World War II—The old dress, being favored by the sailors, has remained the same since it was adopted following World War II (19 min—1958).

87 Russia

Recounts life in Russia under the Czars—Life in Russia today—Agriculture, industry, religion, education, athletics, arts, and sciences of both eras are covered—Emphasis is placed on Russian interest in science and development of nuclear power (24 min—1958—Color—Commercial Adaptation).

88 Why NATO?

Purpose and development of NATO—Story begins at end of World War II when it became evident that Soviets did not intend to honor agreements made at Yalta, Potsdam, and Teheran—Eight European countries swallowed up by Soviet Union—Communist threat to Turkey and Greece—Berlin Blockade—NATO was born April 1949 when need for a major col-

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lective force became apparent—Need reaffirmed at summit meeting in 1957 (27 min—1958).

89 Cummings City—Military Assistance in Civil Disaster

Role of Armed Services when natural disasters strike civilian communities in CONUS—Relation between Military Services, Office of Defense and Civilian Mobilization, Red Cross, White House, Governor of the State, and local relief agencies is described—Stress is placed on need for preparedness (35 min—1958).

90 The Code—The U.S. Fighting Man's Code of Conduct

Precepts of the 6 Articles of the Code—vignettes of each, with theme on surrender, capture, escape, and conduct as a prisoner of war (29 min—1959).

92 Your Legal Status in the Republic of Germany

Legal status of American servicemen and their families in West Germany as outlined in Status of Forces Agreement (Signed 5 August 1959)—(This film is mounted on two 16mm reels)—(50 min—1959).

93 Keep on Learning

Describes the Armed Forces Education Program—What it offers, how it is organized and implemented, and how it benefits the serviceman (15 min—1959).

94 You in Spain

History, culture, religion, city and rural life in Spain—How to get along with the people—Facilities available at U.S. Air Force and Navy bases (28 min—1960—Distributed to CF&EEs in CONUS & USAREUR).

95 North Africa

Geography, history, and present-day political and economic problems of Morocco, Algeria, Tunisia, and Libya—U.S. role in this vital area (20 min—1960).

99 Old Glory

The story of the evolution of the American flag from 1607 until 1960 when the new 50-star flag became a reality (28 min—1960—Color).

101 Williamsburg—The Story of a Patriot

Documents the historic events in Williamsburg, Va. during period 1769–1776—People, issues, and episodes of times are re-enacted (36 min—1960—Color—Commercial Adaptation).

102 The Significant Years

A review of world events over the last 25 years, with the view toward remembering the past to understand the present and shed light on future (25 min—1960).

103 Taiwan—Island of Freedom

Study of the land and people—Government economy and military potential—Relation with Red China and the free world (23 min—1960—Color—Limited distribution to CF&EEs; no additional prints available on reorder).

104 Post-War Germany

Study of West and East Germany since WW II—Political climate, economic growth, military potential, and the problems of a land divided (18 min—1960).

200 I&E Sportsreel

Highlights major sports events of 1955—"Baseball World Series"—"Tennis Thrills"—"Battling the Bulls"—"Folding the Bulls in Spain"—"AAU Diving and Swimming"—"Strong Men Behind the Iron Curtain"—

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- "Pitt Late Drive Whips California"—"Women Wrestlers"—"Swaps vs Nashua" (34 min—1955).
- 201 I&E Sportsreel**
 "Football Upset of the Season"—"Modern Pentathlon"—"Irish Upset in Last Game"—"Iron Curtain Thriller"—"Canine Caddy"—"Campbell Sets Speed Record"—"Sports Spectacular-Army vs Navy" (35 min—1956).
- 202 I&E Sportsreel**
 "Golden Gloves," "Basketball-Slightly Fishy," "Winter Sports on Snow and Ice," "The Big Streaks," "Fish Plentiful in Panama Bay," "Winter Olympics 1956" (33 min—1956).
- 203 I&E Sportsreel**
 "Ski jumping"—"Speed bike classic"—"Golf"—"Childrens' boxing tournament"—"Track meets"—"Soccer"—"Deep sea fishing"—"Bowling"—"Baseball" (30 min—1956).
- 204 I&E Sportsreel**
 "Landy Loses and Wins"—"Indianapolis 500"—"Modern Atlas Sets Records"—"Olympic Acrobats"—"Bike Jockeys go All Out"—"Little Leaguers Get Big Start"—"Junior Cowboys Ride them Rough"—"Big Winners on the Turf"—"College Oarsmen Photo Finish"—"Jolly Roger Flying High"—Animated sequences on US Laws (31 min—1956).
- 205 I&E Sportsreel**
 "Olympic Trials," "The Lighter Side," "U.S. Open," "Ride 'Em Cowboy," and "All-Star Game"—Animated sequence defines the fights and responsibilities of freedom (21 min—1956).
- 206 I&E Sportsreel**
 Includes: "Army Runners Smash Records"—"Boats Fly-No Kidding," "Model Planes," "Antique Cars Still Roll," "AAU Swimming and Diving," "Hambletonian," "Roaring Redlegs"—An animated sequence is included on freedom of thought (21 min—1956).
- 207 I&E Sportsreel**
 Includes: "National Tennis"—"Olympic Women," "King Football Takes Over," "Sport Flashes" and "Gold Cup Powerboats"—Animated sequence on the importance of discipline and honorable behavior in both military and civilian life (21 min—1956).
- 208 I&E Sportsreel**
 Includes: "Air Force Grid Debut," "Interservice Boxing," "World Series"—Animated sequence on the relationship of good discipline to a successful military career (20 min—1956).
- 209 I&E Sportsreel**
 Includes: "Football" (highlights of seven games); "Sport Flashes" (tandem motorbike, roller ski race, and speedboat races)—"Olympic Preview" 16th Olympiad) (20 min—1956).
- 210 I&E Sportsreel**
 Includes: "Army-Navy Game Special," "Redskins vs Giants," "Pre-Olympics" (20 min—1956).
- 211 I&E Sportsreel**
 Includes: "Football Bowls," "A Dog's Life," "Barrel Jump," "Handball," "Cowboys Buffaloed," and "Lady (?) Wrestlers" (20 min—1957).

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AFIF No.

212 I&E Sportsreel

Includes: "Court Kings," "Crack-Up," "Hot Heads on Ice," "Golden Gloves," "4-Minute Man?" "Handball," and "Winter Sports" (20 min—1957).

213 I&E Sportsreel

Includes: "Winter Sports on Snow and Ice," "Service Sluggers," "Soldiers on Skis," "Winter Perils," and "Ladies of the Courts" (20 min—1957).

214 A Special Edition of I&E Sportsreel—The 1956 Olympics

A pictorial review of the 16th Olympiad held in Melbourne, Australia—Opening ceremonies, major events, and closing of the Olympics (31 min—1957).

215 I&E Sportsreel

Includes: "Court Kings," "Masters' Golf," "Moppet Maulers," "Six-Day Bikes," "College Acrobats," and "Stanley Cup Hockey" (21 min—1957).

216 I&E Sportsreel

"Modern Pentathlon," "Kentucky Derby," "Soccer Cup Final," "Boston Marathon," and "Diamond Dust" (24 min—1957).

217 I&E Sportsreel

"World Record Pole Vault," "A Dog's Life," "Wimbledon Tennis," "Heel and Toe," "U.S. Open," "Pennant Fever," and "All-Star Game" (20 min—1957).

218 I&E Sportsreel

Includes: "Mile Record Falls Again," "Tennis Thrills," "Army Star Wins Diving," "Thumping Theodore," "Baseball Old Timers," and "Modern Pentathlon" (21 min—1957).

219 I&E Sportsreel

Includes: "National Tennis," "Boys' Baseball," "Inter-Service Gold," "All-Navy Softball," "National Shoot," "Hambletonian," "Manhattan Marathon," and "AAU Divers" (20 min—1957).

220 I&E Sportsreel

Includes: Football—Army vs Notre Dame, Navy vs Boston College—Air Force Academy vs George Washington University—Farewell to Giants—1957 World Series (21 min—1957).

221 I&E Sportsreel

Includes: "Campbell Sets Speed Record," "Japan's Big Sport Week," "Japan's World Series," "Climax on the Turf," and "Football Highlights" (20 min—1958).

222 I&E Sportsreel

Highlights of Army-Navy football game (1957) played in Philadelphia—Navy wins 14-0—Pre-season football training, pre-game rally activities, and earlier games of the season are covered (22 min—1958).

223 I&E Sportsreel

Includes: "Lions Win Pro Title," "Mat Mugs," "Tar Heels Halted," "Brown KO's Lopes," "Football Bowls: Rose, Sugar, Orange and Cotton Bowls" (20 min—1958).

224 I&E Sportsreel

Includes: "Golden Gloves," "All-American Basketeers," "Wrong Way King Pins," "Bad Break for Campy," and "Winter Sports: National Speed Skating Championship and International Dog Sled Derby" (20 min—1958).

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AFIF No.

225 I&E Sportsreel

Includes: "Baseball in the Air: Major League ball clubs in Spring training; interviews with managers of American League," "National League: Interviews with managers of National League clubs," "Boys From Planet ϕ ," and "Meet Silky Sullivan" (20 min—1958).

226 I&E Sportsreel

Includes: "Last Ski Jump," "Bowling," "Moppet Maulers," "Masters' Golf," "The Boys From Planet ϕ ," "Indoor Sports," and "Baseball" (21 min—1958).

227 I&E Sportsreel

Includes: "Kentucky Derby," "Service Sports," "Russian Strong Men," "Penn Relays," "Buzz Bikes Run Wild," "Stan the Man," and an animated sequence stressing importance of serviceman's vote (20 min—1958).

228 I&E Sportsreel

Includes: "Crack Up in '500'," "Meeting of Milers," "Heavy Seas For Yachts," "The Boys From Planet ϕ ," "Tim Tam Beaten," "Baseball"—The Junior Miss Little League of New Jersey, "Bike Racing," and "Open Golf" (21 min—1958).

229 I&E Sportsreel

Includes: "All-Star Game," "A.A.U. Track," "The Boys From Planet ϕ ," "Tennis Thrills," "Racing, Town and Country," and "Cut 'N Shoot Fighting Man" (20 min—1958).

230 I&E Sportsreel

Includes: "Mile Record Falls Again," "PGA Golf," "Battling the Bulls," "Old Timers Baseball," "Service Sports," "The Boys From Planet ϕ "—A short on importance of traffic safety, "Retriever Training," and "Gold Cup" (22 min—1958).

231 I&E Sportsreel

Includes: "National Tennis"—1958 United States Women's Single Championship, "Little League"—World series played at Williamsport, Pennsylvania, "Tale of a Trotter"—Short feature on birth, growth, and training of a colt, "Polo Grounds"—Now scene of auto races, and "Service Sports"—Preseason football training at three Service Academies (Army, Navy, and Air Force)—Spot announcement of Army Retirement Plan (20 min—1958).

232 I&E Sportsreel

Includes: "World Series"—Highlights of 1958 World Series, "Tale of a Horse"—Re-enlistment spot announcement, "Globetrotters"—Famous basketball Globetrotters play benefit game in Madison Square Garden, and "Service Football"—Army tops Notre Dame, Navy unbends Michigan, and Air Force Academy defeats Stanford (20 min—1958).

233 I&E Sportsreel

Includes: "The International Horse Race" at Laurel, Maryland, with a \$100,000 purse, horses from various nations, and "Sailor's Guide" as the winner—"College and Pro Football"—Army vs Texas, Navy vs Notre Dame, Cleveland Browns vs Chicago Cardinals, Northwestern vs Ohio State, Ohio State vs Iowa, California vs Washington, Army vs Pittsburgh, and Baltimore Colts vs New York Giants (19 min—1959).

234 I&E Sportsreel

Includes: "Service Football"—Air Force Academy Falcons defeats Colorado Buffaloes: "In and Out of Orbit"—A spot announcement on safe

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driving; "Sport Spectacular"—Short feature on the build-up events in connection with the Army-Navy football classic (20 min—1959).

235 I&E Sportsreel

Football bowls—"Rose, Sugar, Cotton, and Orange"—Professional Title Playoff—Football—Davis Cup Tennis—"Grid Thrills of 1958" (19 min—1959).

236 I&E Sportsreel

Winter Sports—"Bowling—Basketball All-Stars—Indoor Track"—Spot announcement on observance of safety rules to prevent accidents (19 min—1959).

237 I&E Sportsreel

Goodbye, Winter—Wind up of winter sports season—"Track, boxing, and ice-skating"—Hello, Spring—"Major league baseball teams in training" (20 min—1959).

238 I&E Sportsreel

Basketball Finals (NCAA and Professional)—"Stanley Cup Hockey"—"Grand National"—"Table Tennis"—"Boxing-All Sorts"—Spot on benefits of USAFI courses (20 min—1959).

239 I&E Sportsreel

Horse Racing—"Wood Memorial"—"Kentucky Derby and Preakness"—"Alex Olmedo—Bike Racing—Marathon"—"Track—Killebrew" (19 min—1959).

240 I&E Sportsreel

The "500"—"Surfing—Boatnik"—"The Boys from Planet ϕ "—"Pentathlon"—"Horse Racing"—and "Open Golf" (20 min—1959).

42. Armed Forces Screen Magazines (Including AFSM's, AFSR's, ANSM's, RTAF's) (I&E)

AFSM No.

501 Army Turns on Heat—Story of an improvised flamethrower used in Korea.

Rhine River Patrol—Brief study of NATO control of river traffic on Germany's greatest inland waterway.

What's New in the Air—(1) Ribbon parachute, a light parachute that absorbs shocks; (2) Tandem floating landing gear for use of light planes on rough fields.

Hospital Ship Gets 'Copter Decks—New decks for helicopter landing on hospital ships.

Flying Haymaker—Assembly and operation of the Tarzan guided weapon plane, showing its pinpoint accuracy.

Ski Thrills—Pictorial report of Army ski meets in Germany and Japan (17 min—1952).

502 What's New in the Service—The Patton 48 tank is put through its paces.

Tough talks from *USS Wisconsin*—Cameraman views a battlewagon in combat.

Olympic Tryouts—Pre-Olympic elimination contests for servicemen.

It's a Man's Life—Humorous treatment of what a dog would likely think about while being trained for scouting (21 min—1952).

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AFSM No.

- 503** **What's New in the Service**—Demonstrating (1) Practical application in Korea of body armor; (2) A lightweight rifle being tested for general use.
- Sierra Wave**—Air Force and Navy tests of soaring planes between Mount Whitney and Death Valley.
- Carrier-borne 'Copter**—Demonstrating a pattern of ship-to-shore attack by vertical envelopment utilizing helicopters and carriers.
- Dreamboat**—Reporting the maiden voyage of the diesel motor troopship that features showers, barber shops, and comfortable quarters for families accompanying servicemen overseas (13 min—1953).
- 504** **What's New in the Service**—(1) A Navy inventor briefly explains the principle of atomic powered submarines; (2) Tests at Aberdeen Proving Ground of a jeep.
- Wacs in Eucom**—Depicting the daily routine of the woman soldier in Europe.
- Bolling vs Quantico Marines**—Air Force and Marine teams participate in service football league season.
- Yesterday's Battleground**—A glimpse of the battle-torn Pacific islands 10 years after the war.
- Super Monk**—The 28-mile journey into space and the safe return of animal passengers in an Aerobee rocket (21 min—1952).
- 505** **What's New in the Service**—New snow removal equipment is demonstrated in the High Sierras.
- Sweet Adeline**—Army and Air Force versions of "Tiger Rag" and "Toidy Toid and Toid" in the National Barber Shop Quartette Contest.
- The Big Wheel**—Testing airmen's reaction to extreme pressures in flight by whirling the men in a huge naval centrifuge at the speed of sound.
- Old Baldy**—Typical front-line fighting in Korea.
- Football in the Service**—Two midseason games, Great Lakes vs Air Force, and Fort Jackson vs Air Force (22 min—1953).
- 506** **What's New in the Service**—The BARC, huge amphibious vehicle capable of carrying a tank and a crane.
- Higher They Go**—Troops learn and practice mountain-climbing techniques at Fort Carson, Colorado.
- Air Force OCS**—Airmen and airwomen receive OCS training coeducation ally at Lakeland, Florida.
- Icebreaker**—A Navy icebreaker on a reconnaissance mission in the Bearing Sea.
- Army-Navy Game**—Highlights of the 1953 service game of the year (21 min—1953).
- 507** **What's New in the Service**—Uses of the portable iron lung.
- Casey GI Jones**—Employees of large commercial railroads cooperate in teaching all phases of railroading to soldiers.
- Iwo Memorial**—Bronze tablet of flag raising at Mt. Suribachi on Iwo Jima.
- Kapyong School**—Contributions by soldiers in Korea found a school in memory of one of their buddies who was killed in action.

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Air Force Judo—Japanese masters teach airmen practical applications of judo at a Tokyo school. (18 min—1953).

- 508 **What's New in the Service**—A meteorological weather-wind computer, the Rawin field set, collects firing data for big guns.

The B-47—Operations and maintenance of the Air Force stratojet bomber.

Korea's Children—GI's distribute clothing and candy to refugee orphans.

On Target—Glimpses of activities at Dahlgren, the Navy's testing ground for new weapons.

Gesundheit—Servicemen enjoy winter sports on a 3-day pass at Garmisch-Pertenkirchen (19 min—1953).

- 509 **What's New in the Service**—(1) Debut of Republic F84-F Thunderstreak fighter bomber; (2) Demonstration of a firefighting jeep for use on Navy Carrier decks; (3) Helicopters set up a smokescreen in Korea using an improvised grenade dispenser.

Hospital Ship Repose—A glimpse of a floating general hospital showing the modern facilities.

Report on Formosa—Military situation on Formosa, March 1953.

Strike Up the Band—A tour of the Navy School of Music where armed forces musicians are trained. (20 min—1953).

- 510 **What's New in the Service**—Theory and practice of Navy's Delta jet and Army's Coldbar winterproof suit.

Operation Hideout—Interview with sailors who voluntarily remained submerged for almost two months in the submarine *USS Haddock* for experimental purposes.

Yanks to Yokohama—A couple of soldiers from Korean front enjoy a 5-day pass in Japan (20 min—1953).

- 511 **Interservice Basketball**—Navy vs Marine Corps basketball game at Omaha University.

Interservice Boxing—Army boxers victorious in service competition at the Naval Training Center, Bainbridge, Maryland (20 min—1953).

- 512 **B-47 Refuels in Midair**—A flying gas station refuels in midair a B-47 from MacDill Air Force Base, Tampa, Florida.

Don't Give up the Ship—Realistic training demonstration of a sinking ship at damage control center, Philadelphia Navy Yard.

Struggle Pit—Hand-to-hand combat in Signal Corps basic training course at Camp Gordon, Georgia (15 min—1953).

- 513 **Mighty Mite**—Demonstrating the versatility of the Mighty Mite, the Marine Corps all-purpose amphibious vehicle.

Navy Test Boat—Navy's hydrofoil boat literally flies, its thin metal blades lift the boat hull out of the water.

Flying Midgets—Report of model airplane meets at Amarillo Air Force Base, Texas, and at Tokyo, Japan.

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Interservice Track Meet—Annual track and field meet, held in 1953 at Fort Jackson, South Carolina (14 min—1953).

- 514 Two-Rotor 'Copter**—Ambulance Jeep—Bull Moose Tractor—Demonstration and description of (1) a powerful two-rotor helicopter used as a speedy but comfortable ambulance jeep, and (2) a large tractor.

Front line Daily—Origin, makeup, and service of the Army's newspaper, "Stars and Stripes."

Blue Angels—Demonstration of close formation flying by a team of Naval aerial acrobats (15 min—1953).

- 515 Kangaroo Plane**—Navy Sky Rocket—Demonstrating (1) the Air Force kangaroo plane, a B-36, carrying within its body a small jet bomber, and (2) a Naval experimental rocket plane which exceeds 19 miles per minute.

Signal Corps Television—Showing Signal Corps mobile television units at work on maneuvers at West Point, emphasizing use of television in tactical operations on the battlefield.

Nautical Notes—Report of (1) Annapolis "Middies" summer cruise, and (2) assignment of Waves to ship duty for the first time.

UN Headquarters—Service personnel tour UN Headquarters in New York (17 min—1953).

- 516 Dick Tracy Radio**—Signal Corps demonstration of a tiny experimental wrist watch radio.

Thunderbirds—Exhibition of airmen's skill in formation flying.

Taylor Model Basin—All Navy Ships and aircraft are tested as models at this installation before construction is started.

Bolling vs Quantico—Highlights of service football game (16 min—1953).

- 517 Berlin 1954**—This whole issue is devoted to the modern "Tale of Two Cities," as seen through the eyes of a soldier—The democratic Western Sector is divided from the communist East Zone by the Brandenburg Gate (19 min—1954).

- 518 F-100—Stiletto Plane**—A glimpse of the X-3 experimental operational jet plane in flight.

Exhibit (A) for Army—Korean POW and other stories dramatized at Army Exhibit Unit, Cameron Station, Virginia.

Army-Navy Football Game—Scenes from the colorful 1953 Army-Navy football game at Municipal Stadium, Philadelphia (18 min—1954).

- 519 The Old Sarge**—The Delong Pier—Air Force Navy Prototypes—Master Sergeant Pop Tittel, 45 years of service with the Air Force—The Delong Pier, an 800-ton floating dock built by Army Engineers—The XF-88, a high-speed propeller research plane—Launching aircraft into the air without a trail of smoke using the smokeless jato.

Quantico Shoot—Modern marine riflemen compete with men using Civil War weapons and dressed in uniforms of that period.

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The Big Blow—The wind tunnels at Langley Field and the Arnold Engineering Development Center (13 min—1954).

- 520 Space Helmet**—A US Navy doctor uses a new method of administering anesthetic to children.

Vienna Crossroads—Unique situation of Austria in Europe.

It Began Like This—The Retreat Ceremony—History of "Retreat." Original music score by US Army Band (19 min—1954).

- 521 New MATS Hospital Plane**—Marine Corps Giant Helicopter—New hospital evacuation aircraft equipped with latest medical equipment for Military Air Transport Service—Marine Corps' new giant twin engine helicopter.

WAF World-Wide Basketball Championship—All-girl basketball squads representing Keesler and Lackland Air Force Bases compete for the court championship, which was won by the Lackland team for the third successive year.

NIKE Missile—A look at this special weapon in the civil defense system—Presented with a background story on rockets and guided missiles (18 min—1954).

- 522 Hunter Killer**—Showing how a team of Navy vessels and aircraft track and destroy a submarine in mid-Atlantic (21 min—1954).

- 523 HONEST JOHN—Corporal**—Army's newest rocket and guided missile.

The Remaining Few—Fort Myer's horse-drawn caisson performs for the camera.

Time Please—Brief story of the US Naval Observatory (11 min—1954).

- 524 T-43 Tank—Bridge Drop**—New T-43 tank walks, runs, and climbs in front of camera—Engineers and paratroopers lay 500-foot bridge in 30 minutes in Japan.

The Greater Service—Numerous civilian benefits derived through Armed Forces activities as a result of research and development.

The Air Force Button—A filmagraph showing the origin and background of the Air Force button (16 min—1954).

- 525 The Fastest Man on Earth**—Air Force Colonel rides rocket-propelled sled, warming up to a speed of 420 miles an hour.

Eskimo Scout—Eskimo scout, of the Alaskan National Guard, helps to guard an Arctic gateway to America.

The Darmstadt Case—US Army's criminal investigation detachment in Frankfurt, Germany—Operations in European Command (16 min—1954).

- 528 Vertical Takeoff**—At Moffett Naval Air Station, Navy Experimental Convair XFY-1 prepares for vertical takeoff in its free flight test program.

Ejection Seat—The camera shows what happens 10,000 feet above the Gulf of Mexico when a man is shot out of a bomber.

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Television in the Service—How television, a versatile tool, is adapted by the armed services (20 min—1954).

- 529 A Musical Merry Christmas**—Greetings to servicemen, with carols by West Point Choir, Annapolis Choir, girls from Hood College, and famous Air Force Singing Sergeants—Dance to Eddie Fisher's song, "Christmas Eve in My Home Town" (21 min—1954).

- 530 New Air Chow**—Air Force mess sergeants become culinary experts under the watchful eyes of the master chefs in the George V Hotel in Paris.

Military Heraldry—Background of military insignia.

Northwest Passage—Icy lanes of the Arctic Ocean are opened by ships of US Navy after repeated attempts since days of Henry Hudson.

On Target—Bombing contests by B-36's and B-47's of the Strategic Air Command—Firepower demonstration of fighter planes from Eglin Air Force Base (22 min—1955).

- 531 The Flying LST**—Navy's Guided Missiles—Navy presents a flying troopship and its latest self-guided missile.

Army-Navy Game—Game of 1954 goes to Navy (21 min—1955).

- 532 Super-Carrier Forrestal**—Navy launches world's largest carrier.

Capitol NIKE Base—Practice "Alert" at one of the newly established NIKE guided missile bases near the Capitol.

To the Ladies—Complete tour of the newly dedicated WAC Center at Fort McClellan, Alabama (19 min—1955).

- 533 Mount Vernon**—A guided tour of George Washington's home on the banks of the Potomac.

Marine Uniform—Story behind this colorful uniform from the inception of the Marine Corps to the present day (16 min—1955).

- 534 Droppable Take-off Gear**—Air Force develops an ingenious procedure which allows its planes to take off with greater loads and from rougher runways.

Steam Catapults—Catapult launchings aboard the aircraft carrier, U.S.S. Hancock.

Illuminated Flight-Deck Suit—Unique nighttime footage of new electrified flight-direction suit, aboard Navy carrier.

Supermonk Retires—"Space-Cadet" (dubbed "Super-Monk") shown in retirement quarters at Smithsonian Zoo, Washington 25, D. C.—Flashback feature of his former rocket-riding days.

Icecap Caravan—Story of a small expedition which crossed 1,600 miles of the Greenland Icecap, establishing a route for heavy vehicles (19 min—1955).

- 535 Underground Housing Installations**—Underground Atom Blast—Air Force goes underground in the Far North while the underground blows topside in an atomic explosion at Desert Rock.

Take Her Down—Story on submarines from the turn of the century to the launching of the NAUTILUS.

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- Winter Sports**—Spectacular ski jumping at Garmisch-Partenkirchen, Germany—Army and Air Force teams compete in bobsled race at Lake Placid, New York (19 min—1955).
- 536 Pan American Games**—Highlights of the 1955 Pan American Games held in Mexico City (19 min—1955).
- 537 Navy Research Aircraft**—New Signal Developments—Navy demonstrates practical version of a flying saucer—Signal Corps shows off its latest electronic device.
- NAUTILUS Shakedown**—Air Force cameraman explores the inner workings of the world's first atomic submarine.
- B-36**—Story of the real backbone of the Strategic Air Command, the B-36 Bomber (20 min—1955).
- 538 Diagnostic Heart Radio**—Navy unveils its latest weapons against heart disease.
- Davy Crockett, Jr. Grade**—Small fry at Fort Myer don coonskin caps and get out their shooting irons.
- A President Goes to School**—Story of the President's 40th class reunion held at West Point during June week, 1955 (18 min—1955).
- 539 The Navy Terrier**—SS Neversail—The Bell X2—The Texas Tower—Navy's Terrier, a self-guided missile tracking down its target—Army training ship that never goes to sea—Bell X2, fastest thing in airplanes to date—Texas Tower, newest link in our radar defense chain.
- Deep Freeze for Twelve**—Story of survival training on the Icecap (15 min—1955).
- 540 "U.S.S. Forrestal," "Delta Ray," "Sea Master," and the "Skyhawk"; "Ontos Tank Destroyer"** and experimental test on ejection seats for Air Force.
- Atom Soldier**—Proof that foot soldier can survive the atom blast.
- Leatherneck Notes**—Brief history of Marine Corps Band (18 min—1956).
- 541 Armed Forces Talent Show**—Talent of all types from all the services entertain (30 min—1956).
- 542 Signal Corps Drone**—Demonstration of the radio controlled reconnaissance craft.
- The Albacore**—New submarine showing radical new hull shape and control system.
- The B-52 Flight**—SAC's new sweptwing jet bomber on ground, in flight, and refueling in the air.
- Alpine Holiday**—Service couple takes leave in Germany's Bavarian Alps (19 min—1956).
- 543 Portable TV Camera**—Enables commanders to watch front line action and evaluate operations at the Command Post.
- The Aerodyne**—Verticle air jet experimental model shown in full operation.
- The Aerocycle**—An experimental one-man flying machine.

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The Hurricane Hunters—How the Air Force and Navy cooperate in getting vital information on hurricane movements.

An I&E spot announcement on voting (15 min—1956).

- 544 B-52 Crew Demonstrates Cross Wind Landing Gear**—Permits large planes to maneuver in smaller areas and land in rough weather.

Navy "Grasshopper" Sends Weather Data—An automatic operating mechanism, which sends accurate weather data for months at a time over distances up to 800 miles.

Moving Dry Dock Rescues Landing Craft—New Landing Craft Retriever, capable of carrying small vessels, up to 80 tons, in rescue operations.

"Biggest" Snow Train for Arctic Snows—Capable of carrying very heavy loads over snow-covered wastes.

Bona-Fide Soldier—Feature on dog training by the Army in Germany as viewed by the dog.

Frogmen's Holiday—Navy frogmen enjoy undersea fishing in waters off the Virgin Islands (18 min—1956).

- 545 Includes:** "Supersonic Jets Fly from *Forrestal*," "Jet Plane Crashes in *Essex* Landing," and "Meet the Artists"—An animated sequence defines the rights and responsibilities of freedom (17 min—1956).

- 546 Includes:** "The Drake"—Army's new amphibious truck tests successfully—"American by Choice"—Story of Airman Marko Miletich, "It's in the Bag"—Operations of Navy's blimps (10 min—1956—Color).

- 547 Includes:** "Trials of First U.S. Military Airplane"—Scenes of Army tests on original biplane in 1909; "Biggest Air Transport in Action"—Features and capabilities of the new C-133; "Test of New Crash Suit"—Aluminized crash suit tested in superheated oven; "Sac Judo 1956," "Eyes to Sea" (18 min—1956).

- 548 Includes:** "New Incentive for a Military Career," "New World Record for Rocket-Sled," "Airborne TV—New Eyes for Navy," "Gliders Build Friendship Overseas," "Slingshot Recovery for Frogmen," "Jet Trio Refuels in Mid-Air," "Army Unveils Rapid-Fire Vulcan," "High and Dry" (16 min—1956).

- 549 Includes:** "Woodrow Wilson Centennial"—Depicts President Wilson's efforts to build a lasting peace after WW I; "New Medical Care Act for Dependents"—provisions (22 min—1956).

- 550 Old Ironsides**

A visit to *Old Ironsides* riding again at anchor in Boston Navy Yard (15 min—1957).

- 551 Armed Forces Day**

A salute to the Armed Forces, stressing the role of the Armed Forces as a "Force for Peace" (14 min—1957).

- 552 I&E Screen Magazine**—Issue No. 552—Mathew Brady

A documentary on the work of Mathew Brady, the country's first combat photographer—His pictures of people, places, and events (13 min—1957).

- 553 I&E Screen Magazine**—Issue No. 553—What's New in the Service

Includes: "The Helmet Radio," "Flood Control," "The Code Posters," "The Most Famous Picture" (20 min—1957).

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- 554 I&E Screen Magazine—Issue No. 554—What's New in the Service**
Includes: "Army Flag," "Sea Legs for Sub Sailors," "Atomic Radiation Preserves Food," and "Vanguard" (16 min—1957).
- 555 Theodore Roosevelt—American**
Presents highlights of his life—Most interesting experiences as a boy, out west, and later in national and international affairs—Development of his political career—His democratic ideals and principles mark him as an outstanding American (20 min—1958).
- 556 I&E Screen Magazine—Issue No. 556**
Includes: "Operation Farside," "The Boys From Planet ϕ ," "New Under-sea Escape Method," "A Report to the Armed Forces," and "Payraise Bill Opens New Horizon" (18 min—1958).
- 557 Your Defense**
Report on the preparedness of the Armed Forces in terms of weapons equipment, and tactical responsibility—Demonstration firings of the new guided missile designs, including the ICBM (20 min—1958).
- 558 I&E Screen Magazine—Issue No. 558**
Includes: "Freedom Foundation Awards, 1958," Annual awards ceremonies of the Freedom Foundation; "Trec Snow Test"—Army Transportation Corps demonstrates its new portable fuel train; "Navy's Rat"—New anti-submarine rocket launched torpedo; "Have Ball—Will Orbit"—Satellite is fired into orbit; "The Boys From Planet ϕ "—President Eisenhower's people-to-people Program; "Food Atomic Style"—Preparing and supplying healthful food to the military personnel (20 min—1958).
- 559 Shipment to Saratoga**
Describes how foreign aid contributed to the success of the Battle of Saratoga in 1777—Arms and supplies shipped by a French company helped to win our independence from England—Payment for supplies was made in 1818 to the heirs of the founder of the company (14 min—1958).
- 560 I&E Screen Magazine—Issue No. 560**
Includes: "South Pole Party Sees Light"—"Bob and Jane Wow Airmen"—"Brussels Fair"—"These Honored Dead" (21 min—1958).
- 561 I&E Screen Magazine—Issue No. 561**
Includes: "Last of the Battleships (USS Wisconsin)"—"The Boys From Planet ϕ "—"Explorer I"—A report of the 84 days before the launching of Explorer I by United States Army at Cape Canaveral (20 min—1958).
- 562 I&E Screen Magazine—Issue No. 562**
Includes: "New Army Rifle"—Army tests new M14 Rifle and M60 Machine Gun; "Sea Legs"—Navy tests hydrofoil craft, "Inflatoplane"—New amphibious research aircraft; "IGY"—Aims, contributions, and scientific studies for 1958; spot announcement of Freedoms Foundation essay contest (20 min—1958).
- 563 I&E Screen Magazine—Issue No. 563**
Includes: "Under the Top of the World"—Story of the first atomic powered submarine, NAUTILUS, and its successful trip under north polar ice cap—"Tale of a Horse"—Army career and reenlistment spot—"A look at Your Exchange"—Organization and operation of Army-Air Force Exchange Service (21 min—1958).
- 564 I&E Screen Magazine—Issue No. 564**
Includes: "Going Up"—The F104 tops world's altitude and speed record; "U.S. Army Engineers" roller-type mine destroyer designed for use by

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armored cavalry is tested; "Inverterplane"—a combination of a conventional aircraft and a helicopter; "It Pays to Stay In"—features and advantages of Military Pay Act of 1958; "A Pictorial History of the U.S. Cavalry"—from Revolutionary Era to present (20 min—1958).

565 I&E Screen Magazine—Issue No. 565

Includes: "A Salute to Civil Service"; "Suited for Space"; "Regulus in Action"; "Army Crafts"; "Hong Kong"; and "In and Out of Orbit"—A spot on safe driving (20 min—1959).

566 I&E Screen Magazine—Issue No. 566

Includes: "Mitchell College"—first accredited college in the Armed Forces; "Missile Recovery"—collecting and examining missile fragments after test firings; "A Date with Liberty"—notorious trial of Sir Walter Raleigh in 1603 and other events leading to the inclusion of law giving the right to the accused to face his accuser in open court; "Submarine"—history of the submarine (20 min—1959).

567 The History of the U.S. Army Uniform

Depicts the soldier's uniform from the Revolutionary era to the modern Army green uniform and special duty garb for warm and cold weather operations (20 min—1959).

568 The Common Defense

A report on the nation's defense effort with an introduction by President Eisenhower and closing remarks by Defense Secretary Neil McElroy (25 min—1959).

570 I&E Screen Magazine—Issue No. 570

Weightlessness in space, New Marine Corps devices—LVTEX-1 and "The Mighty Mite"; "A Date With Liberty" and tour of Cape Canaveral and environs (17 min—1959).

571 I&E Screen Magazine—Issue No. 571

What's New in the Service—C-130 plane tested with skis; A Date with Liberty; Veto of Lusk Bill; North of 53—Feature on Alaska (20 min—1959).

572 I&E Screen Magazine—Issue No. 572

What's New in the Service: Pentadome, Frogmen, and Air Force Items; A date with Liberty; Story of Editor E. Lovejoy; Sylvanus Thayer (20 min—1959).

573 I&E Screen Magazine—Issue No. 573

What's New in the Service: QM Air Drop with Otter; Thor Missile, and remote control robot helicopter; U.S. Forces in Spain (17 min—1959).

574 I&E Screen Magazine—Issue No. 574

What's New in the Service: Operation Fishhook; Mobile Ditch Digger; and World Congress of Flight; Russian-American Track Meet (18 min—1959).

575 I&E Screen Magazine—Issue No. 575

Third Pan-American Games 1959; Veterans Day—A testimonial on the valor and purpose of the American fighting man throughout our history (21 min—1959).

576 I&E Screen Magazine—Issue No. 576

1959 World Series: Highlights of games between Dodgers and White Sox. Shakedown: A feature on USS INDEPENDENCE, Navy's largest jet carrier (21 min—1960).

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577 I&E Screen Magazine—Issue No. 577

Parsq Team Competition; Arctic Snow Camp; One-Man GM, Thor Nose Cone Test, Narrow Gauge Landing Aid Istanbul Air Show and Army vs AF 1959 (19 min—1960).

578 I&E Screen Magazine—Issue No. 578

What's New in the Service: Navy Skimmer; Robot Target; Space Suit "Heatniks"; Missile-Mail; Whirly Bird with Big Muscles; and Army-Navy Football Game 1959 (21 min—1960).

579 John J. Pershing

Life of General Pershing, 1860—1948—Leadership qualities in battle, and influence in molding the American Army during World War I (21 min—1960).

580 I&E Screen Magazine—Issue No. 580

Champion Football Highlights '59-60; Service Highlights—"Li'l Tigers,"—Know Your Post—The Falcon Air Force Mascot—Navy Triple-Threat Rocket (22 min—1960).

581 I&E Screen Magazine—Issue No. 581

Winter Olympics—Eighth Winter Olympic Games in Squaw Valley, California; NATO in Action—Training and research activity of lower operational levels of NATO (19 min—1960).

582 The Ramparts We Watch

Role of manpower in modern military establishments; how joint efforts of the services implement defense operations—Introduction by Secretary of Defense Thomas Gates (22 min—1960—Color).

583 Ballots That Fly

Information and background on absentee ballot program designed to stimulate interest in coming elections; how to apply for, mark, and mail absentee ballot (9 min—1960).

AFSR (Armed Forces Screen Reports)

AFSR No.

87 Zipper fleet (Navy ships put in moth balls)—GI Quiz No. 4 (19 min—1944).

88 Food for Thought (Army food conservation)—No Place Like Home (Army home and community life) (16 min—1947).

89 Officers' School; US Army (Training potential Military leaders) (21 min—1948).

90 Jump (Short version of TF 31-1471—Basic airborne training)—Forgotten Islands (Up-to-date views of WW II island bases in the Pacific) (19 min—1948).

91 National Defense (Preparing for security)—Enough Rope (Mountain climbing) (19 min—1948).

92 Task Force Frigid (Personnel and equipment tests in severely cold climate)—V-2 Rocket (V-2 rocket tests at White Sands Proving Grounds) (18 min—1948).

93 Pacific Pathways (Pacific islands used by US in WW II) (20 min—1948).

94 Korea Today (Rehabilitation progress effected by American occupation) (19 min—1948).

95 Arctic Igloo (Construction and value of the igloo)—Something About a Soldier (Behavior and appearance) (18 min—1948).

96 Best by Test (Army food and clothing) (21 min—1948).

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- AFSR No.*
- 97 Problems of Peace in Europe (Postwar political, economic, and social problems) (20 min—1948).
 - 98 General Pershing (Life story)—ROTC at Work (Army summer training) (21 min—1948).
 - 99 Higher and Faster (Rapid improvement of aircraft) (19 min—1948).
 - 101 Problems of Peace in Asia (Political and economic problems and their effects upon world peace) (21 min—1948).
 - 106 Women in the Service (Accomplishments, traditions, and heroism of servicewomen) (17 min—1949).
 - 107 Our American Heritage (Constitution and Bill of Rights)—(21 min—1949).
 - 108 The Reserve Team (National Guard, National Air Guard, Officers' Reserve Corps, Air Reserve Corps, and Reserve Officers' Training Corps) (20 min—1949).
 - 109 Problems of Peace in the Americas (Advantages of political and economic reconciliation in Western Hemisphere) (19 min—1949).
 - 114 Research and Development (Improving standard items of arms and materiel) (22 min—1940).
 - 117 Frontier Days (Pioneers of our nation) (17 min—1950).
 - 120 Army Sports (Army sports program)—Operation Portrex (Exercise to test the possibility of recapturing the Caribbean island of Vieques from an aggressor) (21 min—1950).
 - 121 Our Stand in Korea (Inception of Korean campaign) (19 min—1950).
 - 122 Puerto Rico (Industrial development with help of armed forces) (17 min—1950).
 - 123 The United Nations and World Disputes (story of UN) (21 min—1950).
 - 124 Recreation and Athletics in the Navy (Navy's physical training program)—Germany (Western Germany under allied occupation and with Marshall Plan aid) (19 min—1950).
 - 125 The Crime of Korea (Korean Red atrocities) (12 min—1950).
 - 127 US Forces in Europe (Rehabilitation of German people in US Zone contrasted with those in Russian Zone) (17 min—1951).
 - 128 Self-Preservation in Atomic Bomb Attack (Individual safety measures in A-bomb attacks under different conditions) (19 min—1951).
 - 129 Weather—Friend or Foe (Intelligent use of data as means of facilitating efficient execution of military operations—Air Force and Navy weather services cooperate with US Weather Bureau in compiling and evaluating weather data) (22 min—1951).
 - 130 Defense of the Western Hemisphere (Natural regional entity of North and South America in World affairs—Cooperative community in peace and war—Organization of American States, Treaty of Rio, and Bogotá Charter—Inter-American Defense Board—Military assistance provided by US military missions, and agreements on standardization of military doctrines and equipment) (18 min—1951).
 - 131 The Soviet Union and its People (Geographical features—Climate—History—Industry—Transportation—Culture—Political organization—Vastness and variety of country—Complex treatment of inhabitants) (19 min—1951).
 - 132 Japan (Introduction to country and people) (13 min—1951).
 - 133 Italy (Roman Empire and modern Italy)—Air Force Firepower (Bombing and strafing techniques) (19 min—1949).

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AFSR No.

- 134** Blood and Bullets (Desperate need for whole blood in Korea—Combat scenes of actual blood transfusions in Korea—Ease with which it is possible to donate blood) (14 min—1951).
- 135** Independence Day 175th Anniversary (Rededication to principles and ideals of Declaration of Independence)—Aerobees (Operation of armed forces rocket missile) (13 min—1951).
- 136** Soldiers of Freedom (Soldiers from other countries attend the Infantry school at Fort Benning, Georgia, under MDAP) (21 min—1951).
- 137** The Return of the Zipper Fleet (Reactivation of WW II moth-balled vessels) (17 min—1952).
- 138** Operation Camid VI (joint training of West Point cadets and Annapolis midshipmen in technique of amphibious operations conducted with the help of veteran Marine Corps units—Mock landing against hostile force on Virginia coast below Little Creek)—The Navy and Science (Navy research to combat disease; more efficient means of production; more economical powerplants; better weapons of every sort) (20 min—1952).
- 139** Military Use of the Helicopter (Versatility of helicopter—Use for liaison, observation, and reconnaissance, rescue at sea, and ability to salvage useable equipment wrecked near the frontlines) (14 min—1952).
- 140** NATO, Action for Defense (Demonstrating purpose of SHAPE, the operational organization for NATO—Building invincible combined armed forces for defense of Europe against Soviet threat of war) (20 min—1952).

ANSM (Army-Navy Screen Magazine)

The films in this series are short sequences of varied and timely topics of interest. They are especially designed to enlarge the soldier's perspective of WW II, the Korean War, and events and new developments of interest to the military. The Series consists of Army-Navy Screen Magazines (ANSM), issues No. 32, 46, 53, 55, 62, 68, 74, 75, 78, 81 through 86; Armed Forces Screen Reports (AFSR) issues No. 87 through 99, 101, 106 through 109, 114, 117, 120 through 125, 127 through 140; Report to the Armed Forces (RTAF) issues No. 141 through 150; Armed Forces Screen Magazines (AFSM), issues No. 501 through 525, 528 through 568, 570 through 583.

ANSM No;

- 32** Invasion of Normandy (Message from Lt Gen Joseph T. McNarney) (19 min—1944).
- 46** Brought to Action; Sea Battle (Naval story of the second Battle of the Philippine Sea) (22 min—1945).
- 53** Anniversary Issue (History of Army-Navy Screen Magazine) (21 min—1945).
- 55** The Answer is Nuts; Bastogne (Action features 101st Airborne)—Strictly GI; By Request (Scenes from home, around the country) (20 min—1945).
- 62** The Fleet that Came to Stay (The Navy at Okinawa) (19 min—1945—From Navy Film MN 5802).
- 68** Surrender in the Pacific (Signing of surrender terms aboard the USS Missouri) (19 min—1945).

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ANSM No.

- 74** **Tale of Two Cities** (Atomic bombing of Hiroshima and Nagasaki) (14 min—1946).
- 75** **Seeds of Destiny** (Famine in Europe) (20 min—1946).
- 78** **Day of Victory** (V-J day and events leading to conclusion of WW II, (17 min—1946).
- 81** **Pigskin Stuff** (Highlights of outstanding 1946 football games)—White Safari (Story of Canadian Army's arctic expedition) (21 min—1946).
- 82** **Rain or Shine** (Story of weather predictions)—GI Quiz No. 3 (19 min—1947).
- 83** **Last Down** (Football Highlights, 1946) (17 min—1947).
- 84** **Seeing Things** (Army travelogue) (21 min—1947).
- 85** **Antarctic Expedition** (Admiral Byrd) (19 min—1947).
- 86** **Atomic Power** (18 min—1947—Commercial adaptation).

RTAF (Report to the Armed Forces)

RTAF No.

141 **Role of the Cameraman**

Visual documentation of WW's I and II and Korea showing photography as a weapon—Tactical and strategic planning—Photography serves intelligence, reconnaissance, identification, evaluation, training, information, and historical purposes (12 min—1952).

142 **Japan Logistical Command**

Highlighting main operations of JLC—Program of reclamation and rebuilding, using war surplus and battlefield salvage; hydroponic farming; processing of casual replacements; evacuation of casualties; and the commissary train—How JLC met the critical shortages in arms and equipment early in Korean war—Wide use of indigenous labor and facilities—Cost savings (19 min—1952).

143 **Report on Aberdeen Proving Ground**

The tests and experiments conducted on our fighting weapons (19 min—1952.)

144 **This is Lakehurst**

A pictorial tour of the Naval Air Station at Lakehurst showing these activities in addition to naval training, development, and operation: schools for aerographer's mate, parachute rigger, lighter-than-air pilot, lighter-than-air nonpilot, helicopter squadron two, airship squadron three, and the overhaul and repair shops (17 min—1952).

145 **Strategic Air Command**

A brief pictorial outline of the purpose and operation of Strategic Air Command—Routine practice bombing runs (20 min—1953).

146 **Pilots for NATO**

This film follows air cadets from NATO nations through the combat pilot training activities at American airbases—Courses include instruction in "blind flying," "instrument flying," and mastery of high-speed jet fighters (20 min—1953).

147 **Atom Atoll**

Official report of atomic bomb tests conducted by joint task force on Eniwetok Atoll employing 8,500 persons—Preparation—Waiting period—Blast—Use of pilotless, drone, and jet planes (16 min—1953).

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RTAF No.

148 Arctic Rampart

Showing construction of the large airbase at Thule, Greenland, 900 miles from the North Pole—This biggest peacetime construction project, built with the permission of the Danish government, is the result of the combined efforts of US armed forces and private construction companies—Airbase serves heavy bombers and jet fighters on a year-round basis and is the most northerly and strategically located arm of allied defense (15 min—1953).

149 Wright-Patterson Air Force Base

Accomplishments of the Air Materiel Command and Wright Air Development Center—Research and development laboratories—How Wright-Patterson achieved technical air supremacy for US (19 min—1953).

150 Follow Me

How The Infantry School at Fort Benning, Georgia, conditions and trains men for military leadership (20 min—1953).

43. Campaign Reports (CR)

Campaign reports (CR) present chronological developments of entire campaigns.

CR No.

1 Liberation of Rome

Entry and liberation of the first of the Axis capitals to capitulate (21 min—1944—Withdrawn from all types of public exhibition—Withdrawn from oversea commands—From British Army Film BC 7198).

2 San Pietro

Graphic account of capture of an Italian village (32 min—1945).

3 Stilwell Road

Construction of highway through extreme natural obstacles under enemy fire (52 min—1945).

4 Appointment in Tokyo

Motion picture record of Gen. MacArthur's operations from the fall of Corregidor to Japanese surrender ceremonies in Tokyo Bay (56 Min—1945—Withdrawn from all types of public exhibition).

44. Combat Bulletins (CB)

Combat bulletins are newsreel-type films. CB's No. 1 through 6, and 17 through 66, deal with WW II. CB's No. 101 through 113 deal with the Korean War. Production of these bulletins was discontinued on 13 November 1951.

CB No.

1 Combat shots, Pacific and Italian theaters (13 min—1944).

2 Bridging the Volturno River, Italy—Landings in South Pacific area—Hawaiian training branch—Invasion of Cape Gloucester (14 min—1944).

3 Building pillbox in Italy—Battlefield concealment—Operations at Los Negros—Embarkation for Anzio—Capodichino airfield in Italy (20 min—1944).

4 Battle for Cassino—Japanese and jungle—Tanks and infantry face enemy fire (19 min—1944).

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CB No.

- 5 Stop that tank, rear area in India—Something new has been added—Various special devices, South Pacific—Bazooka quadruple power—Land mine problem—The B-29, modern-day specialist (16 min—1944).
- 6 Beachhead operations—A day on a European beachhead (23 min—1944).
- 17 Invasion of southern France—Operations in northern France—Operations in Burma—Japanese attack US task force (38 min—1944).
- 18 Progress in southern France—Activities in Italy—Seized German film—Invasion of Sansapor—Battle of France (39 min—1944—Withdrawn from all types of public exhibition).
- 19 Expansion of beachhead in southern France—Activities on Ledo and Burma Roads—Activities at Leghorn, Italy—Operations in northern France (21 min—1944).
- 20 Flying bomb sites—Capture of Toulon and Marseilles—US airmen freed in Roumania—Operations in France and Belgium—Canadian 1st Army—British 2d Army—American 1st and 3d Armies (24 min—1944—Withdrawn from all types of public exhibition).
- 21 Progress in southern France—Activities in Italy—Bridge over Salween River—Clean-up Aitape, New Guinea—North France and Belgium—American 1st and 3d Armies (20 min—1944).
- 22 Yanks in Germany—American 3d and 7th Armies meet—British take Antwerp—Buzz bombs halted—Nazis give up—Airborne army take-off (26 min—1944).
- 23 Boring into Siegfried Line—Rhine bridge seized—Battle for Lorraine—Gothic Line cracked—Pacific war steps up—Canadians clearing channel (26 min—1944).
- 24 Channel coast activities—Ordnance repairs—German frontier operations—Airborne operations—Toulon Harbor installations—Invasion of Palau Islands (20 min—1944).
- 25 Evacuation of Kweilin—Supply for American 1st Army—Allies near Po Valley—Americans rebuild Japanese base—Invasion of Anguar (25 min—1944).
- 26 Capture of Tengyueh, Burma Road Barrier—Fifth Army on road to Bologna—Seized film on Ploesti oil field—Artificial harbor in Normandy—Activities in ETO—Cross-canal flame thrower—Railheads bring tanks to front—U-boat at Brest—Battle of Aachen—AMG in Germany—RAF bombs Germany (31 min—1944—Withdrawn from all types of public exhibition).
- 27 Clean-up on Peleliu and Anguar—Activities in ETO—More Brazilian troops reach Italian front—Preparations for Philippine invasion—Landings on Leyte (28 min—1944).
- 28 Activities in ETO—Battle of the Netherlands—Glider pick-up at Eindhoven—Air Force Fighter kills—Liberation of Greece—Activities in Burma—Gen Seagrave's field hospital unit—The US Navy presents—Battle of the Philippines (19 min—1944).
- 29 Activities in ETO—Battle of the Netherlands—Testing German ammunition—Utilization of local industries—Artillery supplies a trapped battalion—Winter shoes for tanks—Demolition of roadblocks—Weasel M29-C—Additional films of Palu operations (22 min—1944).
- 30 Activities in ETO—RAF sinks Tirpitz—Frontline steel production—Bombed Belgian rail network—Rain and snow slow allied armies—Burma operations—Activities in Philippines (21 min—1944).

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CB No.

- 31 Personnel pick-up tests at Wright Field—Wine barrel revetments—Eighth Air Force fighter kills—Remote control tank—Opening of big push—Huertgen Forest—Aachen area (15 min—1944).
- 32 Activities in ETO—American 1st and 9th Armies drive closer to Roer River—Holland front—British introduce a new mine detector—Belfort and Mulhouse fall to French units—Sharpshooting course for jungle fighters—Italian front—Russian film showing fighting in Warsaw suburbs—B-29's attack Tokyo—Carrier planes attack Manila (21 min—1945).
- 33 School for jungle life—Activities in ETO—American 1st and 9th Armies drive forward on Aachen front—To the south, US and French troops of the 6th Army press forward before the Rhine plain—Island ice box—Advance toward Ormoc Road—Carrier strikes in Ormoc and Manila Bays (18 min—1945).
- 34 Activities in ETO—Ninth Army front—Port of Antwerp—Fighter kills—Malaria control in Corsica—B-29 crash in China—Japanese phosphorous bombs—Capture of Bhamo, Burma Road link (16 min—1945).
- 35 Japanese raid Saipan B-29 base—GI's get whole blood from home-front—"Black Widow" and "Jato"—Activities in Burma, China, and ETO (20 min—1945).
- 36 Operations in Philippine Islands—Ormoc landing—Troops land on Mindoro—Mediterranean area—German work mobilization—ETO—German offensive (23 min—1945).
- 37 Activities on Leyte and Mindoro—Air ferry route to Siberia—Advance in Burma—Nazi version of action in East—Activities in ETO—(24 min—1945).
- 38 Admiral Nimitz speaks on Pearl Harbor anniversary—"Mars Task Force" at Tonkwa—XC-97 cargo transport—Nazis driven from Greenland coast—Winter on the Italian front—Trench foot problem at front—Allies counter in Battle of the Bulge (21 min—1945).
- 39 Island airport in Axis waters—Experimental activities of AAF—Ledo—Burma Road—Field problems on Western front—M24 light tank—Modifications on M4 tank—Single-plane Borneo attack (15 min—1945).
- 40 Attack on Manila Harbor—First landing on Luzon—Action on Western front—Alsace front—Bomb damage viewed at captured oil plant—Sumatra oil refineries bombed—Para-demolition on NE Celebes (20 min—1945).
- 41 Bombing of Manila airfields—British take Akyab—Opening of Ledo Road—Carrier force strikes Formosa—Italian front—Activities in ETO—Frontline shower bath—Bombing of Berlin (26 min—1945).
- 42 Meeting of allied leaders—Nazi shipping attacked along Norwegian coast—New aircrew oxygen bottle—Activities in ETO and Burma—Bailey assault bridge—Army-Navy planes hit Japanese installations—Operations in the Philippines (31 min—1945).
- 43 Activities in ETO—Trays from scrap metal—DDT spray for jungle—Capture of Ramree—Modern plant services allied aircraft—Stilwell Road Convoy reaches Kunming—Luzon operations (23 min—1945).
- 44 Invasion of Iwo Jima—Jet-propelled P-59—Activities in ETO—Gen Marshall's inspection of Italian front—Manila (25 min—1945—Withdrawn from all types of public exhibition).
- 45 Action on Iwo Jima—Radio Luxembourg—Activities in ETO—Roosevelt meeting—Activities in Philippines—Manila—Corregidor and Mariveles (30 min—1945).

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CB No.

- 46 Allied air attacks on Germany—Rhine offensive A-26 Invader—Manila clean-up—Air rescue on Japanese-held island—Iwo Jima (29 min—1945—Withdrawn from all types of public exhibition).
- 47 Tokyo strikes—Activities on Iwo Jima—Clean-up on Corregidor—China supply problems—jungle shelters—T26 tank—Additional films on Rhine offensive (27 min—1945).
- 48 Air support on Western front—Shangri-La—Activities in ETO—British jet plane—M69 incendiary bomb—Capture of Lashio and Mandalay—Second airfield taken on Iwo Jima—Ryukyus attacked (31 min—1945).
- 49 Additional film on Iwo Jima—Invasion of Panay Island in Philippines—Aerial supply on Leyte—B-32 Dominator—War dogs—Honor defenders of Bastogne—Rhine airborne operations (25 min—1945).
- 50 Ryukyus operations—Activities in Burma—P-80 Shooting Star—Fifth Army ordnance pool—US forces drive deeper into Germany (29 min—1945).
- 51 Story of Remagen bridge capture—Navy moves inland—Philippine operations—Advance on Okinawa—Activities in Burma—Nazi atrocities (28 min—1945—Withdrawn from all types of public exhibition).
- 52 Advance in Italy—Activities in ETO and in Luzon—Transportation methods in China—Tokyo strikes—Additional Okinawa films—Attack on Kure naval base (26 min—1945—Withdrawn from all types of public exhibition).
- 53 Sec. Stimson and Gen Marshall—Activities on Okinawa and in ETO—Mop-up in Manila Harbor—Atrocity films—Surrender—Gen Eisenhower makes VE-Day statement (33 min—1945—Withdrawn from all types of public exhibition).
- 54 Action on Okinawa—Two Japanese in dawn sortie—Activities in Philippines—Expedients overcome tank obstacles—V-I over Antwerp—Airborne supply base—Activities in ETO—Atrocity films—Death of Mussolini (32 min—1945—Withdrawn from all types of public exhibition).
- 55 Additional surrender films—Gen Richardson makes VE-Day statement—Fall of Rangoon—Iwo Jima base for Tokyo attacks—Captured Japanese weapons—*USS Franklin* (29 min—1945).
- 56 Activities in ETO—Paper war—57-mm recoilless rifle—Invasion of Tarakan—Japanese suicide bomb—Capture of Banguio (29 min—1945).
- 57 Activities in ETO—Disney swish—Enemy fortifications—Mine menace in conquered areas—T66 rocket launcher—Jungle rescue—Activities in Philippines—Attack on Naha (28 min—1945—Withdrawn from all types of public exhibition).
- 58 Activities in ETO—Floating bridge M4—Activities in Philippines—Sopac University—Postwar jeep—Allied prisoners freed in Rangoon—Shuri Line on Okinawa (26 min—1945).
- 59 Operation "Pluto"—Allied control council for Germany—New helicopters—Carbine M2—Activities in Philippines—Ledo Road supply base—Additional films on Shuri Line—Expand Marianas airbases (26 min—1945).
- 60 Activities in ETO—LVT's for beachhead operations—Wire-laying by airplane—Activities of 6th Army group—Service schools in Pacific—Transportation difficulties on Okinawa—F7F Tigercat (20 min—1945).
- 61 Operation "Fido"—Activities in ETO—Russian one-man carry—M40 and T89 motor carriages—Borneo invasions—Action on northern Luzon—Okinawa—Naval operations off Okinawa—Kobe strike (27 min—1945).
- 62 Redeployment operations—Activities in ETO—Cavitizing shells for V-T fuzes—Okinawa—Japanese attacks on fleet (21 min—1945).

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OB No.

- 63 British flame defenses—Revolt in Prague—Redeployment—New Quartermaster units use leaded gas—Suicide attack on destroyer—Eleventh airborne cuts Japanese escape route—PT Boats fire Japanese oil (21 min—1945).
- 64 Former President Truman arrives at Berlin conference—Demonstration of latest Signal Corps equipment—Recapture of Liuchow—Aguni invasion—Balikpapan invasion—Typhoon hits fleet (19 min—1945).
- 65 Big Three conference in session—Additional films of Balikpapan invasion—Activities on Okinawa—Reunion on Okinawa—"Little David" 914-mm mortar (17 min—1945).
- 66 Activities in China—Service troops arrive in Manila—Japanese anti-submarine mortar—Third fleet shells Japan—Sinking of *HMS Barham*—Army nurses arrive in Hawaii (13 min—1945).
- 101 Korea, 10 July through 10 August 1950—Battle for time—Logistics and combat operations of air, sea, and ground forces of UN (29 min—1950).
- 102 Korea, 10 August through 10 September 1950—Turning the tide—Combat footage of attack and counterattack on ground—Tactical and strategic UN air support—Marines spearhead amphibious landing on Wolmi Island—UN forces capture Inchon and push to outskirts of Seoul—UN forces hold Pusan beachhead and push Red aggressors back (22 min—1950).
- 103 Korea, 20 September through 20 October 1950—UN offensive—Maps show changing situation (21 min—1950).
- 104 Korea, 20 October through 20 November 1950—Chinese communists enter war—Speed of UN medical treatment through evacuation of wounded by air—Field demonstrations at Aberdeen (Maryland) Proving Ground—Rough winter weather impedes Navy—Air Force tests on new Fairchild XC-120 pack airplane—Demonstration of US winter uniforms (21 min—1951).
- 105 Korea, 20 November through 20 December 1950—UN forces escape trap—Third division fighting principal holding action—Tenth Corps evacuated by sea from Hungnam—Evacuation of troops, supplies, equipment, and civilians in face of advancing Chinese Reds—Largest amphibious evacuation in military history—Airdrop of supplies—Air evacuation of casualties—Destruction of abandoned supplies—Interrogation of Chinese prisoners (16 min—1951).
- 106 Korea, 20 December 1950 through 20 January 1951—UN ground forces evacuated from Hungnam aided by naval protective fire—Warehouses, buildings, and harbor facilities destroyed—Evacuation of Seoul—Redeployment of 8th Army—Withdrawal across Han River—Flight of civilian refugees—UN troops digging in near Suwon—Fighter-bombers of UN air force inflicting damage on enemy (20 min—1951).
- 107 Korea, 20 January through 20 February 1951—UN troops capture Suwon and move on to Han River—Digging out enemy in hills—Troops of 25th division reach outskirts of Seoul on 10 February—Red resistance stiffens on central front indicating counterattack—Red positions blasted by massed firepower of tanks and artillery—Flying boxcars deliver supplies by parachute at Wonju—Dislodging of enemy on hill 584—Operation Killer pushes northward following failure of Red breakthrough attempt (17 min—1951).
- 108 Korea, 20 February through 20 March 1951—Operation Killer, continues against weakening enemy resistance—C-119's supplying frontline units by air—UN air force continues around-the-clock bombing and strafing of enemy—Troops of 24th and 25th divisions carrying battle to enemy—Near

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CB No.

- 38th Parallel, 7th division reconnaissance patrol strikes northward (18 min—1951).
- 109** Korea, 20 March through 20 April 1951—Paratroopers of 187th airborne regimental combat team land near Munsan during Operation Tomahawk—Twenty-fourth division advances in face of stiff resistance at 38th Parallel—ROK division crosses Imjin River with US fire support—Official activities of SHAPE headquarters—Tank-infantry team executes a reconnaissance in force across 38th Parallel—Reconnaissance tank mission against communist snipers (19 min—1951).
- 110** Korea, 20 April through 20 May 1951—Red spring offensive stalled—UN forces withdraw across Imjin River and through Uijongbu to set up major defenses along Lincoln Line above Seoul—Tank-infantry team deflects Chinese columns as UN planes blast enemy concentrations north of Seoul—"Human sea" tactics of Reds prove costly against superior UN firepower (15 min—1951).
- 111** Korea, 20 May through 20 June 1951—Allied units push north as tide of battle turns—Infantry unit receives close support from F-51 fighters in smashing enemy hill position—Mud hampers advance of UN forces necessitating airlift delivery of supplies to front—Artillery battery pounds Reds with 155-mm howitzer shells—Pinpointing of communist targets by air-ground team as UN advance continues—Blasting of Wonsan Harbor at night by rocket-firing vessels of UN navy (17 min—1951).
- 112** Korea, 20 June through 20 July 1951—Cease-fire talks—Reds stop UN correspondents from entering conference area—Gen Ridgway discontinues talks until enemy agrees to neutralize Kaesong area—Resumption of talks (18 min—1951).
- 113** Korea, 20 July through 20 August 1951—Infantry patrol in probing action in northwest of Inje—UN communication team installs VHF station as link in radio network—North of Yanggu US Infantrymen attack hill 1179, supported by self-propelled 155-mm guns and heavy mortars—Following capture of objective, units reorganize, receive ammunition and other supplies by airdrop—Return of refugees to Seoul—Retrieval of mine-disabled tank—Cease-fire negotiations at Kaesong (18 min—1951).

45. Army Information Films (AIF)

These films are intended for the information of all personnel of the Armed Forces, including civilian components.

Army information film series, sponsored by Troop Information Division, Department of the Army, should not be confused with AFIF series sponsored by Armed Forces Information and Education, Department of Defense.

AIF No.

1 Defense Against Enemy Propaganda

Aim and pattern of enemy propaganda in American-occupied countries, Soviet-occupied areas, and Korea—The means of combating it. (29 min—1957—Film Reference).

2 Sweden—Modern Land of the Vikings

This pictorial study of Sweden covers its geography, history, government, industry, culture, customs, and mode of life—A blend of viking heritage and modern age—The people, their enjoyment in water and

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AIF No.

winter sports (30 min—1958—Color—Commercial Adaptation—Limited number of prints distributed to central film and equipment exchanges).

3 African Heritage

Study of East Africa—Contributions of Africa to civilization—Life and work of the people—Painting, music, and the dance are discussed—Present-day changes and development (29 min—1958—Color—Commercial Adaptation—Limited number of prints distributed to central film and equipment exchanges).

4 Netherlands—Land Below the Sea

Study of the Netherlands—Nature of the land—Canal system and modes of transportation—Flower growing and export; dairy, fishing, and shipping—Traditional customs of the Dutch people—Proposed projects and studies to reclaim all available space for the increasing population (34 min—1958—Color—Commercial Adaptation—Limited number of prints distributed to central film and equipment exchanges).

5 Code of Conduct—Article I—Our Heritage

Presents the precepts of Article I which sets forth the traditional spirit of the American soldier in the call of duty to defend his land (8 min—1960).

7 Code of Conduct—Article III—To Resist

Explains the purpose and application of principle of “resistance” when captured by the enemy—Dangers of accepting favors in enemy camp (8 min—1959).

8 Code of Conduct—Article IV—Keep Faith

Explains the principle of “keeping faith” with fellow prisoners when captured by the enemy (9 min—1959).

9 Code of Conduct—Article V—My Responsibilities

Explains the precept which sets forth the “responsibilities of the soldier” to evade enemy interrogation harmful to his country (10 min—1959).

10 Code of Conduct—Article VI—Stand Firm

Explains the principle of “standing firm” in the trust of God and Country (9 min—1959).

11 The American Soldier in Combat

An inspiring account of the combat history of the American soldier from the era of the American Revolution through the Korean War (29 min—1960).

12 The Army—Deterrent to Aggression

Missions and capabilities of Army—Membership in military pacts with free world—Combat ready forces available in CONUS and OS—Training program—Research and development (27 min—1960).

E 425 College Algebra (USAFI)

(Lessons 1 through 17—30 min each).

46. Department of Defense Films (DD)

This film is intended for use by Public Information Officers.

DD No.

184-54 Army's NIKE Guards Nation's Capital

Scenes made at the launcher station near Lorton, Va.—How guided missile NIKE is brought into position to fire during simulated enemy aircraft attack—Capabilities of the Nike (5 min—1955).

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47. Educational Films (EF)

Educational films serve as guides for vocational, industrial, educational, and rehabilitation purposes.

EF No.

6 Don't Be a Sucker

Combating minority group prejudice (18 min—1947—Revised—Withdrawn from all types of public exhibition).

179 Heights and Depths

Zinc etchings of line drawing and halftone photographs for newspapers (9 min—1945).

180 Modes and Motors

Artistic automotive designing (9 min—1945—Commercial Adaptation).

183 Electrons on Parade

Construction and use of the power tube (20 min—1945—Commercial Adaptation).

187 Painting and Decorating

Self-explanatory title (10 min—1945).

192 How to Play Volleyball

Self-explanatory title (20 min—1945—Commercial Adaptation).

215 Pottery Making

Self-explanatory title (11 min—1945).

216 Metal Working

Self-explanatory title (12 min—1945).

272 Printing

Self-explanatory title (10 min—1947).

48. Film Bulletins (FB)

Film bulletins (FB) deal with new military developments (not necessarily based on approved Department of the Army doctrine).

FB No.

5-85 Camouflage Dummies and Decoys

Camouflage in desert warfare—Use of wire, cloth, paper, foliage, mud, and soil in preparation and construction of dummies and decoys (14 min—1944—Color).

5-102 The Engineer Dozers—Le Tourneau

Use of two types of dozers—Techniques—Clearing away obstacles and building roads through various types of terrain (26 min—1944—Film Reference).

5-111 Road and Runway Construction—Southwest Pacific

Rapid construction of supply roads and air strips on captured Japanese islands (18 min—1944—Film Reference).

5-133 Hand-Placed Charges Against Beach and Underwater Obstacles

Placing demolition blocks M2, M3, M4, and bangalore torpedo by hand—Types of beach and underwater obstacles—Functioning of concussion detonator (19 min—1944).

5-137 Road Maintenance and Construction in Italy

Engineer maintenance and construction of roads in Italy (10 min—1944—Film Reference).

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FB No.

5-148 Camouflage in Combat

Practicability of camouflage—Comparison between training and combat methods—Ingenious examples under battle conditions—Enemy skill and techniques of camouflage (12 min—1944—Film Reference).

5-168 Port Repair

Problems—Destruction found in captured ports—Repair for military use (15 min—1945—Film Reference).

5-182 Road Construction and Maintenance in CBI

Construction of military roads in CBI theater (18 min—1945—Film Reference).

5-185 The Bailey Bridge in Combat

Use of bridge in keeping supplies and equipment moving toward the front (13 min—1945—Film Reference).

5-192 Fixed Bridge Construction and Repair in the CBI

Building and repairing fixed bridges in CBI theater (12 min—1945—Film Reference).

5-194 Interim Report on Passage of Beach and Underwater Obstacles (U)

(28 min—1945—Limited distribution—Further distribution must be authorized by CofEngrs—Film is classified SECRET).

5-196 Airfield Construction and Repair in the CBI

Construction of military airfields in CBI theater by engineers—Limited equipment—Obstacles (15 min—1945—Film Reference).

5-201 River Crossing Operations in the CBI

Overcoming difficult obstacles to keep supplies moving across rivers (14 min—1945—Film Reference).

5-207 Field Airdromes

Construction of field airdromes (12 min—1945—Film Reference).

7-263 Fighting in Built Up Areas—Use of Special Equipment

Illustrating special techniques and equipment used by infantry in clearing an enemy-held area—What makes fighting in these areas more effective (5 min—1953—Film Reference).

7-264 Fighting in Built Up Areas—Methods of Entering Buildings

Demonstration of correct methods of entering buildings in enemy-held territory—Use of grenades (4 min—1953—Film Reference).

7-265 Fighting in Built Up Areas—Methods of Searching and Clearing Buildings

Rifle squad has the responsibility of searching and clearing buildings—Essential procedures demonstrated (3 min—1953—Film Reference).

7-266 Fighting in Built Up Areas—Selection of Positions for Firing

Emphasizing that selection of proper firing positions greatly increases effectiveness of fire during this type of combat—Tricks of cover and concealment (5 min—1953—Film Reference).

7-269 Fighting in Built Up Areas—Mutual Support and Methods of Advance

Exhibiting the joint support of infantry and tank units in this type of fighting—Proper methods of advance for the infantryman (5 min—1953—Film Reference).

7-273 Infantry Weapons and Their Effects: US Pistol Cal .45, Submachine Gun, Cal .45, US Carbine, Cal. 30

Brief descriptions of characteristics and capabilities—Use in combat (8 min—1954—Color—Film Reference).

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FB No.

7-275 Infantry Weapons and Their Effects—M1C Cal .30 Sniper's Rifle—Sniperscope, Infrared Set No. 1

Mission of a sniper is to harass the enemy—Illustrating several special pieces of equipment furnished to sniper to help perform mission (6 min—1954—Color—Film Reference).

7-277 Infantry Weapons and Their Effects—Portable Flamethrower

Location and characteristics of component parts—How to operate weapon—Characteristics and effects of thickened and unthickened fuel (3 min—1954—Color—Film Reference).

7-283 Ranger Training

Illustrating the three phases of the eight-week intensive army ranger training course—invaluable part of army combat teams formed by graduates of this course (28 min—1953—Film Reference).

7-285 Rugged Rangers

Highlights of the army ranger training course conducted at Fort Benning, Georgia, to test physical stamina and moral courage under combat conditions—Volunteers from all arms and services undergo rigorous training for eight weeks in three phases: review of basic military skills, jungle training, and mountain terrain training (9 min—1953—Film Reference).

8-132 Evacuation of the Wounded

Steps in evacuating wounded—Five successive echelons of medical service from frontline to general hospital in ZI (15 min—1944—Film Reference).

8-147 Medical Service in the Jungle

Difficulties of jungle medical service—Efficiency of combat medical troops—Swimming out with casualties to ships—Treating wounded—Assembling medical supplies—Water discipline—Danger of fungus infections—Immunization problems—Malaria control—Jungle fear at night—Operation of collecting stations and clearing stations under canvas or in captured Japanese dugouts (20 min—1944—Film Reference).

8-173 The Evacuation Hospital

Organization and function of evacuation hospital and third echelon medical service (13 min—1945—Film Reference).

8-184 Psychiatric Procedure in Combat Area

Handling mild and moderately severe cases of combat fatigue in division and army areas (47 min—1945—Film Reference).

8-200 Malaria Control on Corsica

Prevention of malaria by mosquito control—Destruction of breeding places—Killing with sprays—Screening—Individual protection (13 min—1945—Film Reference).

8-203 General Hospital

Organization and operation of general hospitals overseas (12 min—1945—Film Reference).

8-217 Army Medical Laboratories (World War II)

Laboratory units in theaters of operations, communications zones, and ZI—Function of each—Overall organization and setup worldwide network of laboratories (38 min—1947).

8-228 Veterinary Food Inspection Service—Part II: Theater of Operations

Inspections of food from its arrival at oversea ports until its issue to frontline organizations (15 min—1949—Film Reference).

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FB No.

9-117 Torsion Bar Suspension

Basic principles—Advantages over old-type volute (coil) spring-type suspension system (8 min—1944—Film Reference).

9-128 Save That Part

Stock piles maintained by Ordnance to fill requirements of armies—Recovery of serviceable equipment for reconditioning and repairing (7 min—1944—Film Reference).

9-154 Velocity Calibration of Artillery

Two-unit ballistic and technical service team—Highly mobile units, trained and equipped by Ordnance to calibrate weapons of a battery or battalion (9 min—1944).

9-170 Concrete Piercing Nose Fuze M78

Demonstration and evaluation of penetrating ability of concrete piercing nose fuze M78—Projectiles fired against reinforced concrete slab 5 feet thick with a compressive strength over 5,000 pounds per square inch (16 min—1945).

9-197 VT Bomb and Rocket Fuzes

Details concerning VT bomb and rocket fuzes (25 min—1945—Film Reference).

9-221 Arctic Engine Oil

Development and testing of new arctic engine oil at Fort Churchill, Canada—Lubrication schedule (7 min—1948—Film Reference).

9-231 Rocket Instrumentation

Methods and instruments used to track and record speed, distance, and flight of rockets—Doppler effect as recorded in Dovap system—Tracking and recording rocket flight with radar, tracking telescopes, ballistic cameras, and allied electronic and optical instruments—Use of recorded information (15 min—1949).

9-238 Aberdeen Proving Ground

Developing efficient weapons for US military needs—Functions and operations of the Ballistics Research Laboratory, Development and Proof Services, The Ordnance School, the Ordnance Board, and Aberdeen Ordnance Depot—Basic field research of Armed Forces materiel conducted at aerodynamic range, supersonic wind tunnel, and Munson automotive test course—Completion of materiel study with field tests (17 min—1951).

9-290 Modern Ordnance Materiel—The M76 Amphibious Cargo Carrier

Construction, characteristics, capabilities, and operation of this Army vehicle which, like an otter, is at home on water and on land, thus providing motorized transportation regardless of terrain or climatic conditions (8 min—1954—Film Reference).

10-127 Supply Problems in the Southwest Pacific

Hazards of handling and storing supplies—Corrective action—Effect of climatic, storage, and handling conditions on substandard packing—Oversea packing—Preventing corrosion of subsistence items (40 min—1944).

10-233 Nutriculture—Vegetable Growing

Growing food crops by artificial chemical feeding—Techniques of vegetable growing—Equipment—Mixing chemical ingredients—Constructing storage tanks—Irrigation—Sowing—Pollination—Harvesting and packing (10 min—1949—Film Reference).

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FB No.

10-254 Cold Weather Uniforms

Showing dangers of frostbite and trenchfoot—Explanation of layer principle for cold-weather clothing—Clothing to be worn in wet, cold weather—Clothing to be worn in dry, cold weather—Characteristics of undergarments, overgarments, footgear, and gloves—Proper number of layers of clothing as related to cold-weather conditions and amount of activity (25 min—1953—Film Reference).

10-255 Nylon Body Armor Test in Korea

Showing tests made by 20,000 soldiers of nylon body armor in various types of units and under varying conditions for 140 days in Korea—Discussion of five objectives of test—Enthusiastic demand for vests by combat troops after tests (14 min—1953).

10-259 Rigging the 6,000-pound Load-bearing Platform for Aerial Delivery

Demonstrating in part I the techniques used in rigging typical mass loads—Showing in part II the procedures used in rigging the ¼-ton and ¾-ton trailers with accompanying loads (36 min—1953—Film Reference).

11-69 Newfoundland Communications

Signal Corps lays long-line cable with laterals to all military installations on Newfoundland (21 min—1943—Color—Film Reference).

11-134 Mark III, IFF Modifications (U)

(13 min—1944—Film is classified SECRET).

11-142 Moistureproofing and Fungiproofing Signal Corps Equipment

Damage caused to vital communications by moisture and fungi—Prevention—Six-man team of radiomen and wiremen at work (17 min—1944—Film Reference).

11-188 Waterproofing Signal Corps Equipment

Procedures and techniques necessary to protect equipment from effects of immersion in water (29 min—1945—Film Reference).

11-234 Improved Field Wire Laying with Wire Dispensers

Wire Dispenser MX-306/AG—Weight—Size and shape—Package containing ½-mile plastic-coated assault wire—Application in forward areas (13 min—1950—Film Reference).

19-152 Combat Firing with Hand Guns

Correct grips—Three basic firing positions—Firing quickly and instinctively (17 min—1944—Film Reference).

19-157 Allied Military Government in Italy

Purpose of AMG in occupied countries—Situation in Italy when American forces invaded—Destruction of cities and villages—Disruption of economic and social life—Reconstruction and rehabilitation by AMG and Italian officials (18 min—1944—Film Reference).

19-167 Traffic Control in the Normandy Invasion

Work of military police—Keeping roads clear for steady flow of military vehicles to front line—Traffic problems in assembling troops and supplies in England, and landing troops and supplies in France—Subsequent movement from beachhead (13 min—1945—Film Reference).

19-193 Evacuation of Civilians

Combat footage taken in ETO—Keeping civilians from roads in combat areas so traffic lanes can be kept open for troop and supply movements (15 min—1945—Film Reference).

NUMERICAL INDEX

FB No.

19-202 Traffic Control in the CBI

Military police keep supply routes open for military traffic from ports in India to Burma Road—Obstacles in narrow Calcutta streets—Traffic control stations—Radio-equipped jeeps direct and route traffic—Building Stilwell Road through jungle from Ledo to Burma Road (19 min—1945—Film Reference).

19-212 The Baseball Grenade (CN Riot Grenade M25)

Use and operation—Shape—Throwing or rolling grenade—Operating parts—Advantages of M25 over M7—Decontamination (6 min—1945—Film Reference).

19-246 Hasty Sign Making

How the military police personnel make temporary signs in the field when permanent signs are not available—Demonstrating the uses of sign reproduction kit No. 1, silk screen process (19 min—1952—Film Reference).

19-256 MP Highway Patrol in Germany

Demonstrating the control that military police have over traffic on the Autobahn in Germany—Duties of military police highway patrols include traffic patrols, services, and assistance to military and civilian population, law enforcement, and first aid (10 min—1953—Film Reference).

19-287 The Military Police Story

Military Police Corps trainees receive intensive training in basic infantry skills and expert instruction in military policing techniques at Camp Gordon, Georgia—Variety of MP duties and responsibilities—Military police serve in all parts of the world (33 min—1954—Film Reference).

20-16 Invasion of Crete by the German Army

German film shows preparations for invasion of Crete by air—First part of attack June 1941—Strafing and precision bombing—Men and equipment dropped by parachute—Capture of coastal roads and airports (11 min—1942—Film Reference).

20-37 Highway to Alaska

Vital artery for flow of military supplies to Alaska (9 min—1942—Film Reference).

20-39 Scrap for Victory

Salvage of old weapons to help meet iron shortage (11 min—1942—Film Reference).

20-56 Western Battle Front, May-June 1940

Victorious Nazi drive through Holland and Belgium into France (40 min—1943—Film Reference).

20-66 The Battle of Buna

The campaign at Buna (9 min—1943—Film Reference).

20-78 Avalanche

Snow avalanches in mountain operations—Types—"Wind slab" and "flow snow"—Procedure for soldier separated from main party (10 min—1943—Film Reference).

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FB No.

20-213 Reduction of Japanese Cave-type Fortifications

Japanese retreat into caves—Methods of combatting this defense—Cave entrances located by aerial reconnaissance—Defoliation of hills by use of napalm—Neutralization of enemy positions by air forces and field artillery—Destruction by assault teams (34 min—1945).

20-220 Construction of Arctic Igloo

Construction of snowhouse—Three-man igloo constructed in 3 hours—Advantages of igloo over tent—Natural Camouflage (10 min—1948).

20-232 Summer Movements in the Arctic

Terrain features of arctic and subarctic regions—Difficulties of moving men and supplies—Problems of movement, camping, and survival in arctic—Advantages and disadvantages of various vehicles—The weasel—Other types of transportation by water and air (15 min—1950—Film Reference).

44-253 Weapons of the Artillery

Brief descriptions of characteristics of towed and self-propelled weapons which concern the artillery man—Nonartillery pieces considered are the 2.5 rocket launcher and the twin 40 motor carriage M19—Artillery pieces discussed and illustrated are the 75-mm pack howitzer, the 105-mm howitzer, the 155-mm howitzer, the 155-mm gun, the 8-inch howitzer, and the 240-mm howitzer (26 min—1953—Color)

55-236 Cycloidal and Hydraulic Jet Propulsion

Principles and use of cycloidal-propelled and hydraulic-propelled vessels contrasted with conventional single-screw type craft—Rapid turning feature of boats propelled by these means (11 min—1950).

55-248 Outloading of Diesel Locomotives

Problems and proper techniques in loading diesel locomotives aboard a cargo ship—Correct rigging, lifting, alining, lowering into wooden cradles, lashing, bracing, and waterproofing the 120-ton locomotive—Teamwork and stevedoring knowledge essential to smooth and efficient operations (13 min—1952—Film Reference).

55-270 Steam Locomotive Firing

Illustrating the six-step procedure for dropping old fire and for firing up a steam locomotive—Emphasizing the need for an even fire to insure efficient and economical operation (12 min—1953).

55-271 The Locomotive Air Brake System

Showing the identification, location, and function of each component part of the locomotive airbrake with emphasis on system maintenance and repair (14 min—1953).

55-286 Icecap—I

Report of the Army Transportation Corps expedition across the icecap of Greenland in the spring and summer of 1952 to establish a route and a method of moving troops and heavy equipment to northern strategic bases (30 min—1954—Film Reference).

49. Graphic Films (GF)

Graphic films (GF) are produced by an economical motion picture production technique using animated drawings or photographs with

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accompanying narration. They are issued under GF release numbers except when the initiating agency requests their release in a different series.

GF No.

8-3 Embryology of the Liver, Gallbladder, and Pancreas

A simple visualization of the embryology of the liver, gallbladder, and pancreas with particular reference to the most common surgical anomalies and variations of these organs (18 min—1952—Color—Film Reference).

9-29 Elementary Principles of Analog Computers (U)

(29 min—1957—Film Reference—Prints are for limited distribution to Army Film and Equipment Exchanges in CONUS and overseas for loan to need-to-know audiences—Film is classified CONFIDENTIAL-Modified Handling Authorized.)

10-21 How to Use Cold Weather Clothing

How to avoid injuries caused by cold dry and cold wet conditions—Special cold-weather attire, when properly used, provides a portable climate stabilizer—Explanation of physiological aspects of building, maintaining, and giving off body heat—Seven key points stressed (14 min—1952—Color—Film Reference).

10-33 Unit Messing in the Field—Part I—The Mobile Kitchen

Features, use and assembly of kitchen—Conversion of truck into kitchen—Installation of kitchen equipment—Readying and serving meals—Cleaning utensils—Safety precautions (9 min—1957—Film Reference).

10-35 Cooking Methods and Terms

Standardized terms, procedures, and recipes outlined in Army cooking manuals are covered—Procedure for using recipes and methods of cutting, mixing, preparing, and cooking are explained and illustrated (28 min—1958—Film Reference).

10-36 Warehousing Series—Part I—Storage Procedures

Explains primary functions, basic resources, and mode of operation of a military depot—Special and all-purpose warehouse storage facilities—Capacity and commodity factors in storage of supplies (21 min—1958—Film Reference).

10-37 Warehousing Series—Part II—Aisle Arrangement

Importance, purpose, and characteristics of aisles used in military storage areas—Covers main, cross, personnel, service, bin, and fire aisles—Stress on proper aisle arrangement for efficient operations (9 min—1958—Film Reference).

10-38 Warehousing Series—Part III—Bins, Racks, and Box Pallets

Construction, purpose, and types of items stored in each of the three storage aids—Organization and operation of a retail bin area featuring layout of tiers and sections; stocking of items; supply procedures and replenishing bins (11 min—1958—Film Reference).

10-44 Warehousing Series—Part IV—Palletized Unit Loads

Value and basic principles in use of pallet in military storage operations—Construction and use of standard 40'' x 48'' four-way double faced flat pallet—Metal- and wooden-type box pallets—Stowing and securing containers on pallets (17 min—1958—Film Reference).

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GF No.

10-45 Warehousing Series—Part V—Receiving and Shipping of Supplies

Basic principles and operations involved in receiving and shipping supplies in a military depot—Advantages of four principles in supply operations—Planning, spotting the carrier, unloading, and moving supplies to storage area—Shipping operation explained as reversal of receiving procedure (23 min—1958—Film Reference).

10-46 Warehousing Series—Part VI—Fire Protection of Supplies

Need and Implementation of Fire Prevention Training Program—Proper warehouse construction and storage of supplies—Safety rules to prevent fire—Proper action in case of fire (28 min—1960—Film Reference).

10-47 Inspection and Handling of Food at Mess Level

Inspection and storage of perishable and nonperishable foods from time of arrival at military installation to time it is served at mess level (24 min—1959—Color).

11-39 Manual Telephone Central Office AN/TTC-7

Discusses the capabilities and operation of the entire system, including nomenclature, functions, and operation of major components—Procedures for placing and completing various types of calls—Method used to expand the system (18 min—1958—Film Reference).

11-40 AN/TCC-7 System—Part I—Introduction to the System

Components and operation of a typical 12-channel telephone system using Telephone Terminal AN/TCC-7, Telephone Repeater AN/TCC-8, and unattended Telephone Repeater AN/TCC-11 (15 min—1959—Film Reference).

11-41 Introduction to Telephone Terminal AN/TCC-3 and Telephone Repeater AN/TCC-5

Describes features, functions, and operations of AN/TCC-3 and AN/TCC-5 used in field telephone networks—Discusses features of its major components—Use and proper loading of Spiral 4 cable, and use of radio links with the AN/TCC-3 system (15 min—1958—Film Reference).

11-42 Introduction to Telegraph Terminals AN/TCC-20 and AN/TCC-4

The AN/TCC-20 is a four-channel carrier terminal—Functioning of each component and the manner in which the entire unit operates on voice is described—The AN/TCC-4 provides eight-channel communications—Operation between a low frequency and a high frequency is described—Shows how two AN/TCC-4 can be combined to achieve a 16-channel, four-wire communications (16 min—1959—Film Reference).

19-30 Riot Control Formations—Part I—Squad Formations

Basic commands and steps to form the wedge, the echelon, and the line formations—Purpose of each—Stress on exact, precise execution (12 min—1957—Film Reference).

19-31 Riot Control Formations—Part II—Platoon and Company Formations

Purpose and execution of the wedge, the echelon, and the line (15 min—1957—Film Reference).

19-32 Riot Control Formations—Part III—Vehicles and Foot Troops

Composition of the wedge, echelon, and line formations employing vehicles, and troops—Commands used—Purpose of each formation (12 min—1958—Film Reference).

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20-7 Smooth Operation

Smooth driving prevents accidents (15 min—1952—Commercial adaptation).

20-8 Safety Record

A series of accidents culminated in the death of an employee—Thereafter an outstanding safety record is established in the plant (12 min—1952—Commercial Adaptation).

20-9 Two Steps to Safety

For safety in any job, know your job and know yourself (13 min—1952—Commercial Adaptation).

20-10 Let Habit Help

The importance of making safe habits a part of job performance (12 min—1952—Commercial Adaptation).

20-11 Get a Grip on Yourself

Importance of emotional stability to safety on the job (15 min—1952—Commercial Adaptation).

20-12 Decide To Be Safe

Importance of personal interest in safety programs—Normal safety precautions (12 min—1952—Commercial Adaptation).

20-13 Caution at the Cross Roads

Danger at intersections is increased by careless driving (11 min—1952—Commercial Adaptation).

20-14 Danger in Reverse

Driving in reverse gear involves extra hazards (8 min—1952—Commercial Adaptation).

20-15 Too Close for Comfort

Minimum safe distances recommended between vehicles (8 min—1952—Commercial Adaptation).

20-16 Too Fast for Conditions

Safe driving controlled by road conditions rather than speed regulations (9 min—1952—Commercial Adaptation).

20-17 Wrong Side Suicide

Respect for the white line in the center of the road (11 min—1952—Commercial Adaptation).

20-19 Looking for Trouble

Maintenance measures prevent accidents (11 min—1952—Commercial Adaptation).

20-20 What Happened

Avoiding complications after an accident (8 min—1952—Commercial Adaptation).

33-27 Introduction to Psychological Warfare

Methods and techniques employed in psychological warfare support in military operations—Tactical, Strategic, and Consolidation (16 min—1956—Color—Film Reference).

55-43 Highway Regulation, Use of Circulation Map

Explains the essential role of a traffic circulation map in successful military movement—Sources and scope of data required—Symbols used for each type of information and method of plotting the information on the map—Reporting of road block and procedure for rerouting traffic in an emergency situation (18 min—1959—Color—Film Reference).

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GF No.

61-26 To Provide for the Common Defense

History, organization, traditions, and customs of the Army—Characterized by a civilian-military pattern—Explanation of administrative staff and its combat organizations—Need and symbols for rank in commissioned and noncommissioned levels—Emphasis on the civilian role in this great organization (17 min—1954—Color).

50. Historical Reports (HR)

Historical reports (HR) of WW II arranged chronologically according to theater of operations.

HR No.

A-1 The Gilbert Islands

The Gilbert campaign—Strategic importance of the islands—Success of the campaign, and how it brought us one step closer to Tokyo (11 min—1949—Limited Distribution).

A-5 Bougainville

Landing operation and subsequent capture of Bougainville in 1943 by American Forces of the 37th Division, 14th Corps, and 3d Marine Division (9 min—1948).

A-8 The Admiralty Islands

Landing in February 1944—Subsequent capture of Admiralty Islands north of New Guinea by 1st Cavalry Division (16 min—1949).

A-10 The Marianas—Part I: Saipan

Invasion of Saipan in Marianas group in June 1944 by 2d and 4th Marine Divisions and 27th Army Division—Aerial and naval bombardment—Assault on beaches and fierce battle for control of strategic island—Battle of 5th US Fleet *vs.* Japanese Fleet—Aftermath of banzai charge—Japanese suicide stands—Successful conquest of island for use primarily as bomber base (22 min—1949).

A-10A The Marianas—Part II: Guam

Landing and recapture of Guam Island in the Marianas in 1944—Operation a joint Army-Navy-Marine victory (13 min—1949).

A-11 Battle of Leyte

Battle of Leyte Island—Gen. MacArthur's return to the Philippines—Initial phases of invasion by US 10th and 24th Corps of 6th Army in October 1944—Japanese Navy and supporting air arm in suicidal attempt to destroy US 3d and 7th Fleets—American ground forces advance despite landing of Japanese reinforcements from nearby islands—Japanese resistance in Ormoc sector overcome and island secured by Christmas 1944 (26 min—1951).

B-15 D-Day Convoy

Activities just prior to and including D-Day—Movements of American troops from all parts to assembly areas at the various ports of embarkation, prior to the Normandy invasion (19 min—1948).

B-29 American Ninth Army—Aachen to the Roer River

Activities of the 9th Army from Aachen to the Roer River (31 min—1948).

B-30 American First Army—Aachen to the Roer River

Advance from Aachen to the Roer River by the 1st Army—Outfits that took part: 1st Division, 9th Division, 28th Division, 83d Division, 104th Division, and 3d Armored Division (29 min—1948).

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HR No.

- C-1 Campaign in Sicily**
The 15th Army Group, consisting of the American 7th Army and the British 8th Army, and its invasion of Sicily (20 min—1948).
- C-2 Sicily to Naples**
American and British forces, consisting of the American 6th Corps (of the 5th Army) and the British 10th Corps, set sail for the invasion of Italy—Captured German footage is included to show action on both sides (13 min—1948—Withdrawn from all types of public exhibition).
- C-3 Naples to Cassino**
The drive from Naples to Cassino—Battle of San Pietro and the subsequent storming of Cassino (26 min—1948).
- C-8 Invasion of Southern France**
Invasion of southern France by the 7th Army and subsequent junction with the American 3d Army in northwest part of France (22 min—1950).
- E-7 Military Pipeline System (CBI Theater)**
Achievements of American troops who built a desperately needed pipeline under extremely hazardous conditions and difficult terrain (23 min—1948).

51. Joint Civilian Orientation Conference Film (JCOC)

This film was released without a prefix number or a category designation.

JCOC Film

Provide for the Common Defense

Highlights of the Joint Civilian Orientation Conference held at The Pentagon (14 min—1957—Distribution to central film and equipment exchanges in CONUS and overseas).

52. Miscellaneous Films (MF or Misc)

Miscellaneous films (MF or Misc) are films that do not conform completely to Department of the Army doctrine. A change has been made in the designation of these films from "Misc" to "MF" plus the appropriate numerical prefix.

MF No.

3-2871 Decontaminating Procedures for Toxic Chemical Agents

Methods, agents, and equipment used to decontaminate terrain, structures, vehicles, and personal equipment—Use of bleach, DANC, soap and boiling water, and special decontaminating equipment (23 min—1960—Film Reference).

3-7905 GB (U)

(13 min—1952—Limited distribution—Further distribution must be authorized by CCMLLO—Film is classified FOR OFFICIAL USE ONLY).

3-7908 Body Armor

(8 min—1951—Limited Distribution—Further distribution must be authorized by OSG).

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MF No.

- 3-8937 Antipersonnel Biological Warfare (U)**
(U.S. Army Chemical Corps Technical Film Report No. 52).
(30 min—1958—Color—Film is classified SECRET.)
- 3-9027 The CBR Story**
Scope of CmLC mission—Analysis of CBR activity in relation to modern warfare—Research and development work at major AmLC centers (37 min—1959—Limited number of prints distributed to CF&EE's and exchanges serving major CmLC units).
- 3-9120 Chemical Corps CW Briefing Film (U)**
(27 min—1959—Color—Film is classified SECRET—Limited number of prints distributed to AF&EEs servicing chemical officers specified by OCCmLO, DA).
- 3-9121 Report of Field Tests with a Psychochemical Compound (U)**
(30 min—1959—Color—Film is classified CONFIDENTIAL—Distribution to CF&EEs for loan to Chemical Corps and other personnel concerned).
- 3-9126 Chemical Corps BW Briefing Film (U)**
(21 min—1959—Color—Film is classified SECRET—Limited number of prints distributed to AF&EEs for exclusive use of Cml officers designated by CCmLO DA).
- 5-959 Alaska Highway**
Construction of 1,500 miles of Alaskan Highway—From felling the first tree to final completion of highway (36 min—1944—Color).
- 5-1229 Grass and Brush Fire Fighting**
Citizens of range country communities organize as fire fighters—Effective methods of fire fighting with common tools (29 min—1945—Color—From Dept of Agriculture).
- 5-1235 The Atom Strikes**
First experiments blast set off in New Mexico—Aerial views of the bombing of Hiroshima and Nagasaki—Closeups of devastation in the two Japanese cities (31 min—1946).
- 5-1322 Chemistry of Fire**
Fuel, oxygen, and ignition temperature necessary to produce fire—Difference between flash point and ignition point of fuels—Two ways of extinguishing a fire (44 min—1947—From Navy Film MN 61-A).
- 5-1344 Task Force Williwaw**
Cold-weather tests of personnel and equipment in Aleutian climate (41 min—1947).
- 5-7647 Removing and Installing a Compressor or Condenser**
Disconnecting and removing compressor in home refrigerator—Disconnecting stuck compressor—Removing and installing condenser (17 min—1950—From Office of Education Film No. 442).
- 5-7649 Adjusting and Checking the Expansion Valve**
Design and operation of bellows-type automatic expansion valve—Adjusting, checking, and servicing bellows-type valve (22 min—1950—From Office of Education Film No. 444).
- 5-7651 Checking the Electrical System**
Checking and servicing overheated motor in domestic refrigerator—Checking stalled capacitor or repulsion and induction motor—Motor control disorders—Range and differential adjustments (18 min—1950—From Office of Education Film No. 446).

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MF No.

5-7653 Adjusting and repairing the Thermo Expansion Valve

Theory of multiple refrigeration system—Testing and adjusting thermo expansion valve—Recognizing trouble—Servicing (12 min—1950—From Office of Education Film No. 448).

5-7656 Servicing Water Cooled Condensers

Theory of counterflow condenser—Essential elements of water-cooled system—Operation of electric water valve (12 min—1950—From Office of Education Film No. 451).

5-7657 Making and Repairing Tubing Connections

Straightening copper tubing—Working, cutting, and dressing copper tubing—“Sweating in” connector to cover a break (18 min—1950—From Office of Education Film No. 452).

5-7709 Hose Line Evolutions and Hose Line Equipment

Two parts—“Hose Line Equipment” and “Methods of Handling the Hose”—Hoses, couplings, adapters, nozzles, and accessories (30 min—1950—Distribution limited to ZI—Commercial Adaptation).

5-8009 Model 44-C Ditcher (Barber-Greene)

Operation, variety of uses, and transporting of machine—Ditcher is capable of traveling forward or backward and of digging trenches 18 to 24 inches wide and as deep as 8 feet—Performs efficiently and quickly in hard coral or soft soil (18 min—1952—Color—Distribution limited to ZI—Commercial Adaptation).

5-8275 Maps for the Army

Depicts methods used by Royal Canadian engineers to produce topographic maps—Shows mapping of 4,500 square-mile area in the Yukon (38 min—1954—Color).

5-8279 Engineer Mission

Accomplishments in peace and war of the Corps of Engineers from the Revolutionary period to the post-Korean conflict (26 min—1954).

5-8567 Before They Happen (Fire Prevention)

Dramatizes the services of fire prevention inspectors (14 min—1955—Distribution to central film libraries and exchanges in CONUS and overseas—Commercial Adaptation).

5-8658 Care and Maintenance of Fire Hose

Types and features of hose—Mechanical and chemical injuries—How to clean, inspect, and store—How to load on fire trucks—Care during and after fires (21 min—1956—Distribution to Central Film and Equipment Exchanges in CONUS and OS).

5-8854 Engineers in Combat—World War II

Engineer mission in combat—Training at Engineer School, Fort Belvoir, Va.—Engineer activities during WW II in the European and Pacific theaters of operation (24 min—1957).

5-8954 The Big Picture—The Engineer Supply Mission

Describes engineer tasks and mission in terms of national security—Types, use, and care of engineer equipment—Use of EDPS (electronic data processing systems) for inventory control—Supply procedures—Purpose, accomplishments, and benefits of Engineer Standardization Program (29 min—1958).

5-8986 Army Package Power Reactor, The

Describes the purpose, development, construction, and operation of the first army nuclear power plant—Designed to support vital bases

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with nuclear-powered fuel, this transportable package power plant solved the problem of fuel supply with economic and military advantages (26 min—1958—Color).

5-9216 Infrared

Nature, characteristics and tactical use of infrared—application in aerial reconnaissance—temperature readings—aircraft and laboratory detection devices—missile guidance (15 min—1960—Color—Commercial adaptation—Limited distribution to AF&EEs servicing special schools—no additional prints available).

6-7900 Fire—Artillery Action in Korea

Tanks supported by dirt ramps substituted for artillery in early stage of Korean conflict—Artillery later stemmed advance of communist enemy—US infantry troops supported by 105-mm howitzer—Information relayed from reconnaissance aircraft and observation posts to fire direction center—Fire missions established and relayed to artillery batteries—Artillery supports infantry in defense and attack (14 min—1952).

7-918 This Is The Infantry

Foot soldier in training and in combat (10 min—1944—Film Reference).

7-1297 Sixth Infantry Division

Sixth Infantry Division in operations at Maffin Bay—Bloodiest 10 days in the New Guinea campaign (20 min—1948).

7-7898 Men Against Tanks

Adaptation of German army training film made during WW II—Methods by which infantrymen destroyed Russian T-34 tanks—Well-trained infantry formidable opponent against armor (15 min—1952—Film Reference).

7-8278 Infantry Operations in Mountains

Nature of mountain terrain and special problems of offensive and defensive operations—Factors include character of mountain weather physiological and psychological adjustment of troops to altitude, and difficulties in communication and command—Mobility of weapons affected—Air and artillery assistance and medical support expedite operations (38 min—1954—Film Reference).

7-8319 Position and Grip, Machine Gun M1919A6 on M2 Tripod

Caliber .30 light machine gun M1919A6 on M2 tripod is used to demonstrate the correct position and grip required to fire the weapon safely and effectively (3 min—1955—Film Reference).

7-8320 Headspace Adjustment Machine Gun, Caliber .30

Showing how to place the correct headspace adjustment on the Browning machine gun, caliber .30 (4 min—1955).

8-1046 Silent Battle

Malaria—A study of the disease and its carrier, the mosquito—Habits of mosquito—Control (45 min—1944—Film Reference—From Australian Film AC 3).

8-1129 Diary of a Sergeant

Sgt Russell, who lost both hands in the service of the US on D-Day, rehabilitated in army hospital—Progress and spirit representative of medical advances made in such cases (23 min—1945—Film Reference).

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8-1230 Schistosomiasis (Snail Fever)

Cause and preventive measures of this tropical disease (10 min—1945).

8-1248 Plague Control

Problems created by plague—Types, carriers, and characteristics of the disease—Control and preventive measures—Programs for rodent and flea control—Preventive measures among troops and civilian population (22 min—1946—Color—Film Reference—From Navy Film MN 4049).

8-1249 The Sky is the Limit

Rehabilitation phases of above-the-knee amputee—Walking technique for individuals with two normal lower extremities and for a unilateral AK amputee—Potential capabilities of patient (12 min—1946—Color—Film Reference—Commercial Adaptation).

8-1254 Half a Chance

Orthopedic rehabilitation—Successful rehabilitation of Lt Bert R. Shepard, USAF—Assisting amputees in personal psychological adjustments (11 min—1946—Film Reference).

8-1343 Principles of Refrigeration

Physics of heat transfer—Refrigeration as method of heat transfer—Compression and absorption system (20 min—1947—From Office of Education Film No. 360).

8-1383 Quality Milk Production

Production of quality milk—Feeding and sanitation—Cleanliness (33 min—1947—Film Reference—Distribution limited to ZI—Commercial Adaptation).

8-7897 The Medical Effects of Nuclear Radiation

Defense against atomic weapons—Analogy of effects of sun bathing on the body to demonstrate effects of nuclear radiation—Nature and potency of gamma, alpha, and beta particles—Physical symptoms following bodily exposure—Medical destructiveness of atomic blasts—Atomic bomb's total destructiveness—Limits of atomic bursts (21 min—1952—Color—Film Reference).

8-8149 Fire and Your Hospital

Fire safety problems in hospitals—Fire hazards—Basic precautions to prevent disaster—Need for fire safety programs—Developing an efficient plan—How each department reacts to a fire alarm—Saving patients—Reducing spread of fire (23 min—1953—Film Reference—Distribution limited to CONUS—Commercial Adaptation).

8-8212 Aeromedical Evacuation

Military air transport service has the responsibility of returning from overseas wounded military personnel to hospitals in CONUS—Description of each phase of aeromedical evacuation operations—Inbound and outbound movements (38 min—1954—From Air Force Film TF 1-4833).

8-8222 Labor and Childbirth

Story of a young couple expecting their first child—Before and during labor, delivery, and post partum period in the hospital (17 min—1958—Commercial Adaptation).

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MF No.

- 8-8229 Insect Repellent—I**
Proper clothing and use of insect repellent to ward off disease-carrying mosquito (4 min—1955).
- 8-8230 Insect Repellent—II**
Importance of proper clothing and use of insect repellent to ward off scrub-typhus fever (4 min—1955).
- 8-8231 Insect Repellent—III**
Use of insect repellent to prevent contracting sleeping sickness, a mosquito-borne disease (4 min—1954).
- 8-8232 Native Food Hazards—Part I**
Dangers of eating native (foreign) foods (3 min—1954).
- 8-8233 Native Food Hazards—Part II**
Typical foods illustrate the presence of disease-carrying bugs in native (foreign) foods (3 min—1954).
- 8-8234 Native Food Hazards—Part III**
Dangers of eating native (foreign) foods (3 min—1954).
- 8-8235 Frostbite—I**
Dangers of frostbite—Necessary precautions to safeguard health of feet and ward off frostbite during cold-weather operations (5 min—1955).
- 8-8236 Frostbite—II**
Responsibility of soldier during cold-weather operations to prevent cold injury to ears, nose, and fingers (5 min—1955).
- 8-8237 Mess Sanitation—Part I**
Proper garbage disposal facilities prevent spread of dysentery germ (4 min—1954).
- 8-8238 Mess Sanitation—Part II**
Importance of cleanliness before and after eating (4 min—1954).
- 8-8239 Mess Sanitation—Part III**
Proper care of mess kits before and after chow will prevent dysentery (5 min—1954).
- 8-8240 Bednetting—Part I**
Dangers and control of mosquito-borne diseases to soldiers in the field (5 min—1954).
- 8-8241 Bednetting—Part II**
Proper use of bednetting and insect repellents to ward off disease carrying mosquitoes (5 min—1954).
- 8-8379 Prenatal Care**
Portrays three women in normal pregnancy through the 9-month period—Recommended exercise, clothing, diet, and reportable symptoms are presented (23 min—1958—Commercial Adaptation).
- 8-8380 Postnatal Care**
Shows the mother in her hospital room exercising, caring for, and nursing her baby—Diagrams show how the mother's body returns to normal (12 min—1958—Commercial Adaptation).
- 8-8381 A Normal Birth**
Film shows the birth of a child, from the time the mother enters the delivery room until she leaves it (12 min—1958—Commercial Adaptation).

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8-8564 Nurses in the Army

Pictorial report of the great service performed by the Army nurse, both in war and peace—Hardships and dangers she faced during WW II and the Korean War (27 min—1955—Distribution primarily to central film libraries and exchanges).

8-8663 Baby Meets His Parents

Film shows how personalities are influenced by heredity, human relationships, and environmental factors (11 min—1958—Commercial Adaptation).

8-8664 Heredity and Prenatal Development

Gives explanation of chromosomes and genes in determining sex and in transmitting physical and mental traits to offspring—Modification of these traits by training and environment—Traces the development of the fetus until delivery (21 min—1958—Commercial Adaptation).

8-8675 Organized Mosquito Control

Control measures used for major breeding areas, in urban areas and in individual homes—Stress on value in prevention of disease (15 min—1956—Color—Distribution to central film and equipment exchanges in CONUS and major oversea commands for Medical Service personnel—Commercial Adaptation).

8-8791 Behavior of Wild Norway Rats

Manual abilities and modification of surroundings, maturation into adult society, territorial defense, and sexual behavior (28 min—1957).

8-8932 Rabies Control in the Community

Describes how rabies is introduced in the community, how it affects animals and humans, and how it can be eliminated from the community—Requirements for implementing an effective rabies control program are outlined—Effective control program must have backing of the public (12 min—1958—Distribution to central film and equipment exchanges in CONUS, USAREUR, and EUSA—Commercial Adaptation).

8-8994 Positioning the Patient for Surgery

Basic principles in surgical nursing as related to proper positioning of patient for surgery—Techniques and equipment used in placing patient in dorsal recumbent, Trendelenburg, lithotomy, lateral, and prone positions—Surgical conditions required (27 min—1958—Color—Commercial Adaptation—Distribution to central film and equipment exchanges in CONUS and overseas).

8-9073 One Day's Poison

Dangers of accidental poisoning in the home—Symptoms, treatment and effects of various types of poisoning (30 min—1959—Commercial Adaptation—Distribution to CF&EE in CONUS, USAREUR, USARCARIB, USARPAC, and EUSA).

8-9202 Expecting (Diet in Pregnancy)

Relation of proper diet to pregnancy; recommended plan for diet and exercise beneficial to the expectant mother (10 min—1960—Color—One each print distributed to CF&EEs in CONUS, USAREUR, USARCARIB, and EUSA—Commercial Adaptation).

8-9203 Babies Like to Eat

Food requirement necessary for child health and development—

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how new foods and eating habits should be introduced to the child at each stage of growth (10 min—1960—Color—One each print distributed to CF&EEs in CONUS, USAREUR, USARCARIB, and EUSA—Commercial Adaptation).

8-9204 No Margin For Error—Hospital Care of Patients

Duties of physician and hospital staff—Hospital liability—Proper hospital care—Patient identification, and medication—Surgical and testing procedures (25 min—1960—Limited to CF&EEs in CONUS and USAREUR—Commercial Adaptation).

8-9212 Emergency Medical Treatment Unit—Phase I

Aims and services of emergency medical care program; emergency medical treatment unit furnished under phase I—contents of master, burn, and emergency wound packs (12 min—1960—Film Reference).

8-9239 From Generation to Generation

Physiology and genetics of embryo development; and birth of child (30 min—1960—Color—Commercial Adaptation—Limited distribution to CF&EEs; no additional prints available on reorder).

8-9244 Hospital Sepsis—A Communicable Disease

Causes, effects, and prevention of hospital sepsis; work of Lister in field of antisepsis; steps to control hospital environment to prevent sepsis. (28 min—1960—Color—Limited distribution to AF&EEs for Medical Personnel—Commercial Adaptation).

9-1089 The Diesel Engine

Ignition by compression—Basic diesel engine types—Forms of air headers and fuel injectors—Diesel types used in submarines (29 min—1944—From Navy Film MN 42-A).

9-1090 Construction of the Diesel Engines

General structure of several types of diesel engines—Different frame types, cylinder parts, pistons, piston rings, connecting rods, crankshafts, bearings, camshafts, and rocker assemblies (17 min—1945—From Navy Film MN 43).

9-1091 Diesel Engine Governors

Operation of governors—Overspeed, overspeed trip, and regulating governors (14 min—1944—From Navy Film MN 44-A).

9-1132 Behind the Shop Drawing

Importance of drawings for industrial production—Isometric and orthographic projection, perspective and cross-sectional drawings—Indicating dimensions and specifications (16 min—1945—Distribution to CONUS only—From Navy Film MN 37).

9-1157 Inside of Arc Welding—Part I: Fundamentals

Correct and incorrect methods of striking an arc—Quality of weld affected by length of arc—Angle of electrode—Combination of voltage and amperage—Speed of travel (11 min—1945—Color—Distribution limited to ZI—Commercial Adaptation).

9-1158 Inside of Arc Welding—Part II: Flat Position

Flat position electric welds—Effects of changing current, electrode angle, speed of making weld, and arc length (11 min—1945—Color—Distribution to ZI—Commercial Adaptation).

9-1159 Inside of Arc Welding—Part III: Horizontal Position

Horizontal position welds—Effects of changing current, setting,

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- electrode angle, speed of making weld, and arc length (11 min—1945—Color—Distribution limited to ZI—Commercial Adaptation).
- 9-1160 Inside of Arc Welding—Part IV: Alternating Current in Flat and Horizontal Positions**
Advantages of alternating current in reducing arc blow—Making flat and groove welds in both flat and horizontal positions (11 min—1945—Color—Distribution limited to ZI—Commercial Adaptation).
- 9-1161 Inside of Arc Welding—Part V: Vertical Position**
Vertical and groove welds—Importance of current setting, electrode angle, arc length, and speed of travel (11 min—1945—Color—Distribution limited to ZI—Commercial Adaptation).
- 9-1162 Inside of Arc Welding—Part VI: Overhead Position**
Overhead weld—Four factors contributing to quality of a weld—Techniques for making overhead, fillet, and groove welds (11 min—1945—Color—Distribution limited to ZI—Commercial Adaptation).
- 9-1199 Let's Look at Ordnance**
Role of ordnance troops—Ingenuity in devising ways and means to provide full-scale maintenance operations (20 min—1945—Film Reference).
- 9-1255 Ordnance Service in an Oversea Theater**
Operation of the Ordnance service in China-Burma-India Theater (37 min—1946).
- 9-1286 Defense of Antwerp Against the V-1**
Antwerp from the time of its capture by Nazis to its liberation by allied forces—Subsequent battering by the V-1 bomb—Port saved by American and Allied gunners, using a shifting defense strategy known as Antwerp X (21 min—1947).
- 9-1330 The German A-4 Rocket, Operation Backfire (U)**
(40 min—1948).—Film is classified CONFIDENTIAL).
- 9-1360 Task Force Frigid**
Cold-weather test of personnel and equipment in Alaska at -60° F. (37 min—1948).
- 9-7501 Machine Shop Work—Bench Work—Scraping Flat Surfaces**
Operations, methods, and procedures employed in hand scraping flat surfaces—Five common forms of hand scrapers (14 min—1954—From Office of Education Film No. 35).
- 9-7890 Physical Facilities**
The four essential steps in organizing physical facilities for a new enterprise (11 min—1952—Distribution limited to ZI).
- 9-7891 Materials Control**
Three materials control functions of management described (11 min—1952—Distribution limited to ZI).
- 9-7892 Internal Organization**
Fundamental purposes and basic principles of business organization—Several organization types discussed (12 min—1952—Distribution limited to ZI).
- 9-7940 The Great Gun**
Complete mobility and ease of operation of 280-mm gun—Technical superiority over conventional field artillery pieces (12 min—1952—Distribution limited to central film libraries in ZI).

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9-8139 Corporal (U)

(15 min—1952—Color—Distribution limited to Army Service Schools training in Atomic Warfare and CFL's in CONUS—Film is classified CONFIDENTIAL).

9-8140 Project Honest John Field Test First Phase (U)

(11 min—1952—Color—Distribution limited to Army Service Schools training in Atomic Warfare and CF&EEs in CONUS—Film is classified CONFIDENTIAL).

9-8175 NIKE System Test (U)

(13 min—1953—Color—Distribution limited to Central Film and Equipment Exchanges in CONUS and certain Artillery and Guided Missiles organizations specified by higher authority—This film is classified CONFIDENTIAL).

9-8260 Project Stalk

Research study of M43, M47, M47E1, T-41E2, and M48 tanks at Camp Irwin to determine time required by American tank to hit a target—Tests included training, practice, and firing at test course (17 min—1954).

9-8335 Machine Shop Work—Operations on the Lathe—Turning a Taper with the Tailstock Set Over

Calculating tailstock offset for cutting tapers—Offsetting the tailstock—Turning a taper with the tailstock set over (18 min—1954—Commercial Adaptation).

9-8336 Machine Shop Work—Basic Machines—The Shaper

Functions, characteristics, and fundamentals of operation of the shaper (15 min—1954—From US Office of Education Film No. 70).

9-8338 Machine Shop Work—Bench Work—Cutting Threads With Taps and Dies

Methods, operations, and procedures employed in cutting small threads—Cutting external threads with hand dies and internal threads with hand taps (19 min—1954—From US Office of Education Film No. 34).

9-8339 Machine Shop Work—Bench Work—Reaming with Straight Hand Reamers

Operations, methods, and procedures employed in reaming with straight hand reamers (20 min—1954—From US Office of Education Film No. 37).

9-8428 Motor Mania

Showing how a driver can forget how he acts as a pedestrian when he is behind the wheel (8 min—1955—Color—Commercial Adaptation).

9-8550 Safety of Welders (Use of Welding Protective Equipment)

Use of protective clothing and equipment to prevent eye injuries, skin burns, and metal fume poisoning (7 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 1921G).

9-8569 How Not to Conduct a Meeting

Common errors and omissions encountered in poorly planned meetings—Typical faults depicted: poor acoustics, poor ventilation, interruptions, and inadequate planning (10 min—1955—Distribution to central film libraries in CONUS—Commercial Adaptation).

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- 9-9258 Ordnance Advanced Supervisor Development Program**
Chief of Ordnance defines scope and aims of program—Outlines requisites of a good supervisor, and advantages of program in implementing Ordnance mission (5 min—1960—Color—Distributed to AF&EEs in CONUS).
- TV 475 The Big Picture (Arms for Tomorrow)**
Shows how the Army's firepower and mobility are developed by the Ordnance Arsenal System—Missions and activities of major Ordnance arsenals and test centers. (29 min—1960—Color Version—Limited Distribution to CF&EEs in CONUS and primary Ordnance activities concerned).
- 10-1168 Railroaders Always**
Railroads in war—American railroad men and the most efficient railroad service in the world (18 min—1945).
- 10-1317 Decision**
Four choices of disposition of remains the next of kin may make—Permanent burial in either a private or military cemetery overseas—Return to US for burial in either private or national cemetery—Army's method to determine which family member is the legal next of kin (16 min—1947—Distribution limited to ZI only).
- 10-1343 Principles of Refrigeration**
Physics of heat transfer—Refrigeration as method of heat transfer—Compression and absorption system (20 min—1947—From Office of Education Film No. 360).
- 10-1362 Fundamentals of Diet**
Functional classification of food—Examples of food in each classification—Results of deficient diet (11 min—1947—Film Reference—Distribution limited to ZI—Commercial Adaptation).
- 10-1363 Principles of Cooking**
Fundamentals—Boiling, frying, broiling, roasting, and steam cookery—Changing food properties by application of heat—Nutritive values and palatability—Changes in starches and meat when heat is applied (11 min—1947—Film Reference—Distribution limited to ZI—Commercial Adaptation).
- 10-1377 Tremendous Trifles—Coffee Urns**
Correct and incorrect methods of brewing coffee—Importance of coffee to success of commercial restaurant (24 min—1948—Film Reference—Commercial Adaptation).
- 10-7527 Mechanical Refrigeration and How It Works**
Mechanical operation of refrigeration plants—Basic laws of physics—Step-by-step description of refrigeration in law of heat flow, evaporation, and condensation—Use of various refrigerants—Advantages and disadvantages—How latent heat is used to bring about a cooling process (23 min—1948—From Navy Film MN 2246-A).
- 10-7578 Maintenance of Fixed Laundry Equipment**
Maintenance factors—Records to determine efficiency, proper periodic checking of equipment, and stocking spare parts—Regular lubrication, cleaning, inspection, and adjustment of equipment (8 min—1949—Color—Film Reference—Commercial Adaptation).

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10-7582 Materials Handling of Unit Loads

Advantages of using pallets, skids, trailers, and similar equipment for moving and stacking various types of materials (11 min—1949—Film Reference).

10-7842 Operation Airborne

Advantages of C-124 (Globemaster) as cargo hauler—Loading by pallet-train method—Cargo space—Auxiliary floor permitting passenger transport even when plane is cargo loaded—Carrying capacity, troop, and cargo—Troop safety factor (22 min—1951—Film Reference—Distribution limited to ZI—Commercial Adaptation).

10-7937 Quartermaster at Work

Responsibilities of the Quartermaster Corps in maintaining the lifeline of the fighting strength by supplying the army with food, clothing, fuel, and fighting equipment—Importance of aerial supply operations—Effectiveness of delivery of supplies by airdrop (19 min—1952—Film Reference).

10-7941 Battlefield Evacuation of Deceased Personnel

Instructing graves registration personnel in techniques of search, recovery, identification, and evacuation of deceased personnel on the battlefield—Efficiency, dignity, and respect in all stages of the work (8 min—1953—Film Reference).

10-7942 Processing of Remains and Interment in Temporary Military Cemeteries

Procedures followed by graves registration personnel in processing of remains and interment in temporary military cemeteries—Methods of identifying remains—Importance of careful recording of identification data—Proper disposition of personal effects—Respectful military burial service befitting those who died on the field of battle (9 min—1953—Film Reference).

10-7943 Search and Recovery of Deceased Personnel

Instructing graves registration personnel in techniques of search, recovery, and identification of deceased personnel on the battlefield—These solemn responsibilities are carried out with care, dignity, and respect to our honored dead (7 min—1953—Film Reference).

10-8451 Care of Tentage

Carrying tent—Removing tent from cover—Handling and storing cover—Preparing tent site—Pitching, inspecting, and adjusting tent—Striking, folding, and storing (8 min—1955).

10-8452 The QM Field Laundry

Various phases of QM field laundry operation—Requirements for laundry site—Laundering process (9 min—1955).

10-8453 Mobile Field Refrigeration

Characteristics and application of the Brown Model QST-120 mobile field refrigeration unit—Capable of carrying 7½ tons of perishable supplies—Operation of components of the unit—Proper loading methods (11 min—1955).

10-8501 QM Operation in Europe

Mission, responsibilities, and activities of the Army Quartermaster Corps in Europe (27 min—1955).

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10-8551 Meat Cutting By Rail Method

Shows the step-by-step procedure for cutting a hindquarter of beef using rail method—Advantages over table method (15 min—1956).

10-8720 Self Service Supply Center

New Army supply concept of the "Self Service Supply Center"—Operation of the center—Advantages of new system over old (24 min—1957—Film Reference).

10-8722 Site Selection and Movement of Quartermaster Non-Divisional Units

Elements considered in site selection, timely movement, and efficient supply operations—overall operational and defense plans (24 min—1957—Film Reference).

10-8726 Quartermaster Inspection and Maintenance of Air Type Equipment

Relative to T-10 and T-7A Parachutes inspection, and rigger check by parachutist, inspection by jumpmaster; Shake-out, inspection before repack, repair and inspection at maintenance shop (19 min—1957—Film Reference).

10-8727 Extraction of Heavy Equipment from Aircraft in Flight

Components of aerial delivery kit; rigging procedures; how load is extracted from aircraft (17 min—1957—Film Reference).

10-8878 Classification of Quartermaster Property

Explains classification system—Seven categories are defined: A-New; CS-Combat Serviceable; C-Unserviceable Repairable; D-Unserviceable Unrepairable; X-Secondary Purpose; UC-Unclassified; U-Unidentified (7 min—1958).

10-9021 Quartermaster Quality Control for Clothing and Textile Items

Analysis and benefits of new quality control system as applied to clothing manufacturing-inspection requirements and necessary records before, during, and after production (17 min—1959).

10-9022 Quartermaster Quality Control for General Supplies, and Parts

Analysis and benefits of new quality control system as applied to tableware manufacturing-inspection requirements and necessary records before, during, and after production (17 min—1959).

10-9023 Quartermaster Quality Control for Subsistence Items

Analysis and benefits of new quality control system as applied to cakebaking inspection requirements and necessary records before, during, and after baking operation (18 min—1959).

11-1001 At the Front in North Africa

History of the African campaign, WW II—Story of a tank convoy from the day it lands until it engages the Nazis—African scenery—Arabs and natives in coastal cities (79 min—1943—Film Reference).

11-1006 Report from the Aleutians

American soldiers in the battle of the Aleutians—American airmen drop bomb loads on Kiska and Japanese installations (40 min—1943—color).

11-1016 The Cathode-Ray Oscilloscope

Purpose and general principles of operation of the cathode-ray oscilloscope—Operating checks (24 min—1944—Film Reference—From Navy Film MN 2104-B).

11-1032 Photo Flash Photography—How it Works

Two principal types of camera shutters—Between-the-lens and focal

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plane—Characteristics of flashlamp required by each—Operation of synchronizer—Special flashlights for speed, color, daylight, and infrared photography—Importance of reflector—Care and maintenance of equipment (27 min—1944—Film Reference—Commercial Adaptation).

11-1086 Radar Jamming

Types of interference patterns—Jamming originating from ships at sea, land-based stations, or aircraft—Distinguishing jamming from regular patterns—Countermeasures (31 min—1944).

11-1087 Radio Technician Training Series—Capacitance

Flow of electrons through a circuit—Charging and discharging a capacitor—Variations of charge on a capacitor in relation to time—Behavior of capacitance with alternating current (31 min—1944—Film Reference—From Navy Film MN 1540-A).

11-1088 Radio Technician Training Series—Parts I and II—Inductance

Reaction of magnetic force around a coil—Self-inductance—Increasing inductance of a coil (34 min—1944—Film Reference—From Navy Film MN 1540-B).

11-1151 Sonic Deception (U)

(29 min—1945—Limited Distribution—Further distribution must be authorized by OCSigO—Film is classified CONFIDENTIAL.)

11-1231 Pro Patria Vigilans (Training and Operation of Signal Corps Units in WW II)

Functions and activities of the Signal Corps in WW II—Important achievements—Signal Corps participation in all phases of warfare—Submarine cables, teletypewriter, telephone carrier service, motion picture production and distribution—Recent developments in radar (22 min—1945—Film Reference).

11-1331 Exercise Polar Bear

Canadian, British, and US observers move into remote regions, solving new supply and transportation problems—Working out tactical maneuvers—Use of snowmobiles—Cooperation of the Royal Canadian Air Force (71 min—1947—Film Reference).

11-1332 Exercise Eskimo

Effects of extreme cold and snow on a combined military exercise in Northern Canada during the winter of 1944-45—Influence of weather extremes on operating effectiveness of men, equipment, supplies, mobility, communication, maintenance, and other phases of military tactics—Force Eskimo advances to take objective and then makes retrograde movement to initial point of departure (61 min—1947).

11-7710 Science and the Signal Corps

Importance of the Signal Corps' mission in modern war—Research and development laboratories originate and perfect both equipment and techniques—Phases of engineering work—Basic research—Efforts to integrate wire and radio—Simplification of equipment—Development of new equipment—Intensive testing of equipment and techniques (19 min—1950—Film Reference).

11-7754 Facts About Film

Physical makeup of motion picture film—Mechanics of projector—Proper treading—Examples of film scratches, cinch marks, and image

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jumping—Care in use of film in projector—Proper splicing (10 min—1951—Commercial Adaptation).

11-7803 Your Job in the Signal Corps

Role of communications in keeping US Army an integrated unit during WW II—Signal Corps job today—Planning and devising new communications systems—Science and engineering—Meteorology—Radar—Training of officer and enlisted personnel—Industrial Mobilization Program—Handling of contracts by Signal Corps Procurement Agency—Storage and distribution of signal equipment and supplies by signal depots—Responsibility of Signal Corps for communications in Alaska—Functions of Army Pictorial Service—Operation of Signal Corps Pictorial Center—Importance of communications for future (20 min—1951—Film Reference).

11-7883 Operation Inchon

Amphibious landings on Korean west coast—Main supply lines of communists cut off—South Korean capital, Seoul freed—Enemy resistance shattered—Participation of all services (18 min—1952).

11-7889 Basic Portraiture Lighting

Four fundamental lighting positions used in photographic portraiture—Armed forces portraiture—Newsreel technique (13 min—1951).

11-7899 Operation Carpetbagger (U)

(16 min—1951—Limited Distribution—Further distribution must be authorized by OCSigO—Film is classified SECRET.)

11-7915 Preventive Maintenance of Signal Equipment for Commanders

Value, methods, and procedures of efficient signal communication operation—Utilizing echelon checklists—FITCAL, intelligent key to effective maintenance (15 min—1952).

11-8054 The Step by Step Switch—197-type Selector (Parts 1, 2, and 3)

Part 1—Importance, complexity, and cost of switching equipment—Illustrates path of a call—Importance of maintenance practices.

Part 2—Mechanical functioning under various conditions of adjustment.

Part 3—Circuit operation during vertical and rotary stepping (69 min—1954—Commercial Adaptation).

11-8208 Drop Wire Runs—Part I

Purpose of drop wire runs—Importance of using standard procedures in installation and maintenance—Frequent causes of drop wire failure—Effect of sag on tension (16 min—1954—Commercial Adaptation).

11-8209 Drop Wire Runs—Part II

Installation of drop wire from house to terminal pole with no interference—Installation of drop wire from house to span clamp with tree interference—Installation of drop wire from house to terminal pole across street with no interference—Installation of drop wire from house to pole on rear lot property line then to terminal pole one span away with problems of garages, fences, and gardens (30 min—1954—Commercial Adaptation).

11-8210 "T" Zone Inspection

Purpose, value, and method of making inspections of cable adjacent to terminals (the trouble or "T" zone)—Common causes of cable failure and how to detect, report, repair, and prevent such damage—

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Sources of trouble in aerial and block cables (18 min—1954—Color—Commercial Adaptation).

11-8399 Electronic Countermeasures Airborne Signal Analyzing Equipment AN/APA-74 (U)

(22 min—1954—Limited distribution to F&EE, Fort Monmouth, N.J. M/F Use by: The Signal School; F&EE, Fort Huachuca, Ariz. M/F Use by: Army Electronic Proving Grounds—From Navy Film MN 7897-A—Film is classified CONFIDENTIAL).

11-8634 Origins of the Motion Picture

Traces development of motion picture photography and projection—From cave drawings to Edison's recording and projection machines (21 min—1956—From Navy Film MN 8103).

11-8674 Engineer and Standards Program—Experimental Rating Film No. 1

Work pace studies of 3 operations—Assembling sheets, working adding machines, and posting cards (10 min—Silent 16 FPS—1956).

11-8703 Engineer and Standards Program—Experimental Rating Film No. 2

Work pace studies of two operations—Testing bulbs and loading cards (5 min—Silent 16 FPS—1956).

11-8842 Security and You

Aimed at personnel concerned with classified projects—Stresses importance of human reliability for national security (18 min—1957—Color—From Armed Forces Special Weapons Project Film—AFSWP Film 30-55-56—Limited number of prints distributed to installations specified by OCSigO).

11-8912 Electronic Warfare (U)

(21 min—1958—Distribution to central film and equipment exchanges and service schools in CONUS and overseas—This film is classified SECRET).

11-8914 Combat Surveillance (U)

(26 min—1958—This film is classified CONFIDENTIAL.)

11-8923 Missile Master—AN/FSG-1 Antiaircraft Defense System—Engineering Report No. 9627

Film explains the role and operation of the Army's Missile Master System—Designed to function as the communications and intelligence center of our AA defense system—NIKE practice alert with and without Missile Master—Emphasizes that it is capable of operating independently and with other weapons as well as NIKE (13 min—1958—Color—Distribution to central film and equipment exchanges in CONUS—USA Signal Air Defense Engineering Agency (9584)).

11-8924 Signals for Missiles

Scope and complexity of U.S. Army Signal Agency operations in guided missile research and development—Equipment, methods, and procedures used with missile control and flight tests, test analysis, and missile geophysics (20 min—1958—Color—Limited number of prints distributed to Army Film and Equipment Exchanges).

11-8931 United States Army Signal Equipment Support Agency

Mission and functions of the agency—Overall responsibility of furnishing finest signal equipment to the Armed Services—Streamlining of procurement—Product, maintenance, and application engineering—Standardization, modification, improvement, and simplification—Testing, production management, and evaluation of

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performance (23 min—1959—Color—Distribution to central film and equipment exchanges and major Signal installations).

11-8979 The Signal Corps Prepares

How objectives of SigC Production Base Program are being fulfilled through Production Engineering Contracts—Benefits for military, technical, and national progress (16 min—1960—Color).

11-9086 Combat Surveillance for the United States Army (U)

(Film is classified CONFIDENTIAL—Special Handling Required—Not releasable to Foreign Nationals—Except: UK&CANADA.) (36 min—1959—Color—Limited to CF&EEs and designated Service Schools.)

11-9088 Signal Soldiers

Scope of Signal Corps mission; training and job opportunities for signalmen at major SigC installations; vital skills and services provided by signal soldiers to U.S. Army (25 min—1960—Color).

11-9213 The Mechanization of Crystal Units Manufacture

Techniques, procedures, and equipment used in the semiautomatic system of producing crystal units developed by the Bulova research and development laboratories for the US Army Signal Corps (42 min—1960).

11-9220 A Century of Army Signals 1860-1960; A Centennial Message from the Chief Signal Officer, United States Army

History, mission, achievements of SigC in the last century, with an introductory centennial message by CSigO, Maj Gen Ralph T. Nelson (31 min—1960—Distribution limited to CF&EEs in CONUS, OS, and primary Signal installations).

11-9263 Manage Your Career—The U.S. Army Civilian Career Management Program

Objectives, principles, and benefits of program; overall plan for implementation of program; responsibilities of employees and supervisors (30 min—1960—Distributed to CF&EEs and Signal Installations in CONUS—Supplementary distribution 1 each to CF&EE in CONUS).

11-9601 OCSIGO Reports—Microminiaturization

Brigadier General Earle F. Cook, Chief, R&D, OCSIGO, reports on this important advance in the Signal Research and Development program (20 min—1959—Color—Distributed to CF&EEs and designated Signal Installations—1 print each).

11-9602 OCSIGO Reports—UNICOM

Colonel George P. Sampson, Chief, Army Commander Service Division, reports on proposed unified integrated world-wide communication system (25 min—1959—Color—Distribution to CF&EEs and designated Signal Installations—1 print each).

11-9611 OCSIGO Reports—Communication Density

A briefing by Col. B. H. Pochyla, OCSigO, on the problem of increasing density of communication electronics in the combat area (14 min—1960—Color).

11-9613 OCSIGO Reports—The Birth of the World's First Communication Satellite

The story of the U.S. Army's contribution to the world's first

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communication satellite which was successfully placed in orbit December 1958 (17 min—1960—Color).

11-9614 OCSIGO Reports—Signal Corps Planning in Support of Strategic Plans (U)

Film is SECRET—Special Handling Required—Not releasable to Foreign Nationals. Except: None—By Authority of the Chief Signal Officer, 15 Feb 60 (33 min—1960—Color).

11-9616 OCSIGO Reports—Annual R&D Progress Report

Report on progress of Signal R&D Laboratory in 1959 in areas of space electronics, combat communications, surveillance, components, and exploratory research; future goals (25 min—1960—Color).

11-9617 OCSIGO Reports—The Midwest Relay Communications Station

Formal dedication of Station, Feb 60; features, capability, operational and procedural aspects—Significance to the Army and Communications progress (18 min—1960—Distributed to CF&EEs and major Signal Installations).

11-9618 OCSIGO Reports—The New International Radio Treaty

Frequency allocation for: Army's radio service, peacetime radar, high-frequency requirements, amateur service, space research, communication satellites, radio astronomic service (20 min—1960—Color—Distributed to CF&EE's and major Signal Installations).

11-9619 OCSIGO Reports—The Defense Communications Agency

Briefing by Col. W. D. Joslin, Chief Army Command Systems Division, on the mission, organization, and operation of DCA scheduled to be operative by March 1961 (22 min—1960—Color—FOR OFFICIAL USE ONLY).

12-7936 The Soldier at Leisure

Discusses the nonathletic leisure program designed by Army Service Clubs to stimulate the interest of servicemen (14 min—1952—Film Reference).

12-7841 Recreation Center Operation

Activities at a typical recreation center in US—Outdoor and indoor games, boating trips, fishing parties, nursery and children's service—Dancing and social activities—Supply economy in handling special services equipment (13 min—1951—Film Reference).

12-8151 It's Your Future

Recruitment film made for the purpose of encouraging reenlistment of soldiers (15 min—1953).

12-8201 A Look Ahead

Surveying the opportunities and advantages of the army as a career—*To be shown only to soldiers whose enlistments are about to expire*—A means of encouraging their reenlistment (27 min—1954).

12-8732 The Army Dental Service (For Recruiting Dental Personnel)

Advantages of the service from professional and personal aspects—Clinical, laboratory, research, and teaching activities (26 min—1957—Color).

12-8733 Army Residency Program (Recruiting)

Designed for recruiting doctors—Features and facilities of program—How it develops a broader professional scope (22 min—1956—Distribution to each Army Headquarters in CONUS).

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- 12-8765 Your Bright Tomorrow (Recruiting—Women Army Medical Specialists)**
Designed to attract women college graduates to train as dieticians, physical therapists, and occupational therapists—Emphasizes professional and personal advantages of service in these occupational fields (20 min—1957—Color—Distribution to CONUS AF&EES).
- 12-8766 Executive Wanted (Recruitment of WAC Officers)**
Designed to attract women college graduates into Service as WAC Officers—Describes advantages of an “executive” career in the Service (24 min—1957—Color).
- 12-8767 Harry’s Hat Hangs High**
Aimed at NCOs—Fundamentals and value of NCO Leadership—Role of NCOs on training and keeping men in the army (21 min—1957—Color).
- 12-9026 90 Day Wondering (Reenlistment)**
Encourages reenlistment in the U.S. Army—stresses advantages of military service in terms of salary, job and education opportunities, and retirement (8 min—1959—Color).
- 15-9100 The Most Rewarding Law (Recruitment)**
Benefits of a career in JA General’s Corps—Professional experience, advanced study in the law, travel, and security (30 min—1960—Color—For use in recruiting young lawyers into Judge Advocate General’s Corps).
- 16-1693 As Deep As the Heart**
Army chaplain always available to provide for soldiers’ religious needs (40 min—1951—Film Reference).
- 16-7542 God of Creation**
Sermon from science—Hand of God in nature—Trip into space—Metamorphosis of a caterpillar—Pollination—Photosynthesis—God the Creator (41 min—1949—Color—Commercial Adaptation).
- 16-7543 God of the Atom**
Sermon on present day application of atomic energy in military and scientific world, stressing importance of man’s faith in God (38 min—1949—Color—Commercial Adaptation).
- 16-7544 Voice of the Deep**
Sonic research refutes scientific theory of “silent deep”—Revelation of underwater sound and color challenge to agnosticism (30 min—1949—Color—Commercial Adaptation—Supplementary distribution).
- 16-7679 Creation, According to Genesis**
A pictorial narration, with symphonic and choral music, of the first chapter of Genesis, King James version (10 min—Color—1950—Commercial Adaptation—Supplementary distribution to Army Film and Equipment Exchanges in CONUS and overseas for loan to the Chaplain Corps).
- 16-7681 Stephen, The First Christian Martyr**
Persecutions of early Church apostles and leaders—Trial of Stephen—Effect of Stephen’s forgiving attitude on Saul and the others who stoned him (25 min—1955—Distribution to central film and equipment exchanges in CONUS and major oversea commands for

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use by the Chaplain Corps—Commercial Adaptation—Supplementary distribution).

16-7686 Dust or Destiny

The amazing wonders concerning the human body, the animal kingdom and plant life are revealed as part of the master plan of God, the Creator (43 min—1950—Color—Commercial Adaptation—Distribution limited to O/S Commands—Supplementary distribution to AF&EEs in CONUS and OS).

16-7808 One God

An inspiring study of the three major faiths: Protestant, Catholic, and Jewish—Explains the teaching, ceremonies, and customs of each faith (39 min—1956—Commercial Adaptation).

16-7809 In His Name

Pastor follows progress of sincere youth through high school and college—Ordination of youth as a minister (35 min—1951—Commercial Adaptation).

16-7810 A Great Cloud of Witnesses

An eloquent sermon on exemplary Christian life by the Reverend Dr. W. E. Sangster, Westminster, London. (14 min—1951—Supplementary distribution—Commercial Adaptation.)

16-7812 This Charming Couple

The necessity for reciprocal love in marriage (19 min—1951—Commercial Adaptation).

16-7851 The Story of the Pope

Story of Pope Pius XII—Narration by Bishop Fulton J. Sheen—Introduction by Francis Cardinal Spellman (60 min—1951—Commercial Adaptation).

16-7859 Unto Thyself Be True

Efforts of modern police department to solve problem of juvenile delinquent through counseling of interfaith religious advisor (24 min—1951—Distribution limited to oversea commands—Commercial Adaptation).

16-7860 No Other Gods

Modern interpretation of the teaching of the First Commandment (20 min—1951—Distribution limited to oversea commands—Commercial Adaptation).

16-7861 On the Right Side

Gambling as an evil (20 min—1951—Distribution limited to oversea commands—Commercial Adaptation).

16-7862 Speak No Evil

Evil effects of lying (27 min—1951—Distribution limited to oversea commands—Commercial Adaptation).

16-7863 The First Step

Need for faith in God and self (30 min—1951—Distribution limited to oversea commands—Commercial Adaptation).

16-7886 In the Face of Jeopardy

16-7961 Lord's Ascension, The

Jesus is resurrected on the third day following His death—He appears to Mary Magdalene and the disciples—During the forty days before His ascension, He appears to the disciples three times and instructs them to spread His teachings (28 min—1958—Commercial

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Adaptation—Supplementary distribution to Army Film and Equipment Exchanges in CONUS and OS—No additional prints available on reorder).

16-7962 Jesus and the Lepers

En route from Capernaum to Jerusalem Jesus heals ten lepers—Only one of the lepers, a Samaritan, returns to express his gratitude to Jesus for his healing (13 min—1958—Commercial Adaptation—Supplementary distribution to Army Film and Equipment Exchanges—No additional prints available on reorder).

16-7963 The Guest

A bereaved cobbler has his faith restored by finding God in ordinary acts of kindness to his fellowmen (32 min—1953—Commercial Adaptation—Initial distribution limited—Supplementary distribution, 1957, to Central and Post Film and Equipment Exchanges in CONUS and OS).

16-8189 I Beheld His Glory

Jesus' last days on earth—The Last Supper, His betrayal and arrest, the trial before Pilate, the Crucifixion and the Resurrection (56 min—1953—Color—Commercial Adaptation—Supplementary distribution to AF&EEs in CONUS and OS; no additional prints available on reorder).

16-8190 Holy Night—The Beginning of the Life of Jesus

Prophecies of Isaiah—Story of Mary and Joseph—Annunciation and birth of Christ—Story of the Shepherds and their arrival to behold the babe (31 min—1956—Commercial Adaptation).

16-8192 Hidden Treasures

Reveals wonders of creation under the microscope, on the ocean's floor, the desert, and the planets as seen through the telescope. (43 min—1953—Color—Supplementary distribution limited to CFLs and Exchanges—Commercial Adaptation).

16-8194 Woman at the Well

Jesus and His disciples go through Samaria where He speaks with the woman of Sychar at Jacob's well—He tells her of the spiritual living water—The woman, returning to her village, tells the people she has found the Christ (15 min—1958—Commercial Adaptation).

16-8195 Lord is Risen, The

The story of Jesus' burial and the resurrection (15 min—1957—Commercial Adaptation—Supplementary distribution to Army Film and Equipment Exchanges).

16-8206 The Prior Claim

A sermon from science developing the theme that whatever wonders man has discovered or invented over the years, nature already possessed them (43 min—1954—Color—Commercial Adaptation).

16-8317 The Vatican

Pictorial tour of the Vatican, symbol of Catholic strength—Customs and life in the Vatican—Priceless art treasures, their care and protection—Vatican library, radio station, and post office—Costume and ritual of Swiss Guard—Views of the Church of St. Peter (40 min—1955—Color—Commercial Adaptation).

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16-8429 Pilgrimage to Fatima

Story of the miracle at Fatima in Portugal—Annual pilgrimage to Our Lady's Shrine to give prayer and reaffirm faith (27 min—1955—Commercial Adaptation).

16-8430 The Shield of Faith

Story of an 18-year-old boy whose faith is an armor against the temptations of life—Spiritual and moral strength derived from the church (26 min—1955—Commercial Adaptation).

16-8490 Conversion of Saul, The

Depicts the persecution of the followers of Christ by Saul of Tarsus—Account of his conversion based on the Gospel story given in Acts IX (30 min—1955—Distribution to central film libraries and exchanges in CONUS and major oversea commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary distribution).

16-8491 Years of Apprenticeship

Saul's stay in Damascus with Ananias—His stay in the desert for three years—His return to Damascus and escape to Jerusalem (30 min—1955—Distribution to central film libraries and exchanges in CONUS and major oversea commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary distribution).

16-8492 Return to Jerusalem

Saul returns to Jerusalem and joins the disciples of Christ—Proves his faith in word and deed (30 min—1955—Distribution to central film libraries and exchanges in CONUS and major oversea commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary distribution).

16-8493 Ambassador for Christ

Story of the great famine of Judea—How the Antioch church helped send relief—A powerful message of stewardship and evangelism (30 min—1955—Distribution limited to central film libraries and exchanges in CONUS and major oversea commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary distribution to Army Film and Equipment Exchanges in CONUS and overseas—No additional prints available on reorder).

16-8494 First Missionary Journey (Life of St. Paul)

Saul's visit to the island of Cyprus—His triumph for the Christian cause—Saul chooses to be known by his Roman name, Paul of Tarsus (30 min—1955—Distribution limited to central film libraries and exchanges in CONUS and major oversea commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary distribution to Army Film and Equipment Exchanges in CONUS and OS—No additional prints available on reorder).

16-8495 Stoning at Lystra (Life of St. Paul)

Perilous journey of Paul and Barnabas from Perga to Lystra—Miracle at Lystra—Stoning of Paul by the populace—Paul and Barnabas continue their ministry for Christ (30 min—1955—Distribution limited to central film libraries and exchanges on CONUS and major oversea commands for use by the Chaplain Corps—Commercial Adaptation—Second supplementary distribution to Army Film and Equipment Exchanges in CONUS and OS—No additional prints available on reorder).

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16-8496 Second Missionary Journey

Paul returns to Jerusalem—Discusses question concerning acceptance of Gentile converts with James and Peter—His journey to Philippi—Runs into opposition and is held for trial (30 min—1955—Commercial Adaptation—Initial distribution limited to central film libraries and exchanges in CONUS and major overseas commands for use by the Chaplain Corps—Supplementary distribution to Army Central and Post Film and Equipment Exchanges in CONUS and overseas).

16-8497 Visit to Corinth

In Philippi, Paul and Silvanus are accused of treason and sentenced to prison—Their eventual freedom and the conversion of the jailer—Paul goes to Athens, returns to Corinth, and is joined by Timothy and Silvanus (30 min—1955—Distribution to central film libraries and exchanges in CONUS and major overseas commands for Chaplain Corps—Commercial Adaptation—Supplementary distribution to Army Film and Equipment Exchanges—No additional prints available on reorder).

16-8498 Third Missionary Journey

Paul revisits the churches in Galatia—His stay at Ephesus for 2 years—Runs into trouble with Dimetrius, leader of idol profiteers—Returns to Jerusalem (30 min—1955—Distribution to central film libraries and exchanges in CONUS and major overseas commands for Chaplain Corps—Commercial Adaptation—Supplementary distribution to Army Film and Equipment Exchanges—No additional prints available on reorder).

16-8499 Trial at Jerusalem

Paul, Luke, and Timothy return to Jerusalem bringing gifts and offerings from churches in Galatia—Paul arranges to stand as sponsor in the Temple for four men under vows—His presence creates disturbance in temple—He is taken into custody by Romans—His final plea, to be heard by Caesar (30 min—1955—Distribution to central film libraries and exchanges in CONUS and major overseas commands for Chaplain Corps—Commercial Adaptation—Supplementary distribution to Army Film and Equipment Exchanges—No additional prints available on reorder).

16-8500 Voyage to Rome

Paul makes the voyage to Rome—Presents his case to Nero—He is held in protective custody for 2 years—Taken to the Emperor for final sentence (30 min—1955—Distribution to central film libraries and exchanges in CONUS and major overseas commands for Chaplain Corps—Commercial Adaptation—Supplementary distribution to Army Film and Equipment Exchanges—No additional prints available on reorder).

16-8599 Are You Ready for Service? What It's All About

Develops theme that training in the everyday duties of citizenship is a part of the preparation for military service (10 min—1956—Commercial Adaptation—Supplementary distribution to Central Film and Equipment Exchanges in CONUS).

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- 16-8600 Are You Ready for Service? Getting Ready Morally**
 Portrays how service brings about larger moral decisions, and how personal standards and good habits prepare one for service and life (10 min—1956—Commercial Adaptation—Supplementary distribution to Central Film and Equipment Exchanges in CONUS).
- 16-8601 Are You Ready for Service? Military Life and You**
 Similarities and differences between military and civilian life—Interpretation of military discipline as an extension of self-discipline (10 min—1957—Commercial Adaptation—Supplementary distribution to Central Film and Equipment Exchanges in CONUS).
- 16-8602 We Believe—What Catholics Believe About Religion**
 Divine faith of God as taught by the creeds, religious practices, and code of the Catholic Church (28 min—1956—Commercial Adaptation—Supplementary Distribution).
- 16-8603 We Believe—What Catholics Believe About God**
 The belief of the Holy Trinity (28 min—1956—Distribution to Central Film and Equipment Exchanges in CONUS and major Oversea Commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary Distribution).
- 16-8604 We Believe—What Catholics Believe About Man**
 The nature of man—Natural and divine gifts, the “original sin,” and the redemption of man (28 min—1956—Distribution to Central Film and Equipment Exchanges in CONUS and major Oversea Commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary Distribution).
- 16-8605 We Believe—What Catholics Believe About Christ**
 The divine and human nature of Christ—The three modes of existence as God, Man, and Church (28 min—1956—Distribution to Central Film and Equipment Exchanges in CONUS and Oversea Commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary Distribution).
- 16-8606 We Believe—What Catholics Believe About Moral Life**
 Observance of universal law of nature, divinely revealed law, and Canon Law of Catholic Church (28 min—1956—Commercial Adaptation—Supplementary Distribution).
- 16-8607 We Believe—What Catholics Believe About Divine Worship**
 The meaning and ritual of the Mass (28 min—1956—Commercial Adaptation—Supplementary Distribution).
- 16-8608 We Believe—What Catholics Believe About Sanctifying Grace**
 How Sanctifying Grace enables man to develop the power to merit heaven by knowing and loving God (28 min—1956—Distribution to CF&EEs on CONUS and major OS Commands by use of the Chaplain Corps—Commercial Adaptation—Supplementary Distribution).
- 16-8609 We Believe—What Catholics Believe About Actual Grace**
 Explains actual grace as the divine energy given by God to assist man along the road of life (28 min—1956—Distribution to Central Film and Equipment Exchanges in CONUS and major Oversea Commands for use by Chaplain Corps—Commercial Adaptation—Supplementary Distribution).

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16-8610 We Believe—What Catholics Believe About Religious Life

The meaning and origin of Holy Orders—How a greater heaven is attained through either the contemplative or mixed life (28 min—1956—Distribution to Central Film and Equipment Exchanges in CONUS and major Oversea Commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary Distribution).

16-8611 We Believe—What Catholics Believe About the Sacraments

Explains the seven sacraments—Baptism, Confirmation, Matrimony, Holy Orders, Penance, Holy Eucharist, Extreme Unction (Last Anointing) (28 min—1956—Commercial Adaptation—Supplementary Distribution).

16-8612 We Believe—What Catholics Believe About the Family

Definition of marriage as a contract for the birth, rearing and education of children, and as a sacrament indicating inward grace (28 min—1956—Commercial Adaptation—Supplementary Distribution).

16-8613 We Believe—What Catholics Believe About Church and State

Defines the spiritual role of the Church and the temporal role of the State, and how each is necessary for the happiness of man (28 min—1956—Commercial Adaptation—Supplementary Distribution.)

16-8614 We Believe—What Catholics Believe About the Bible

Origin, contents and meaning of the Bible, underscoring the idea that it is a deposit of faith divinely revealed by God (28 min—1956—Commercial Adaptation—Supplementary Distribution.)

16-8632 Time and Eternity

Man's search for knowledge of the mystery of time, space and matter, developing theme that man's salvation depends on love for God (43 min—1956—Color—Commercial Adaptation—Supplementary Distribution).

16-8661 Escape to Egypt

Joseph and Mary's stay in Bethlehem after birth of Jesus—The Order for the slaughter of the innocents—Escape of the Holy Family (30 min—1956—Commercial Adaptation).

16-8671 Heritage

Animated film affirming that civil rights and laws are predicated on human rights, fundamental for human progress and freedom (9 min—1956—Commercial Adaptation).

16-8676 Boyhood and Baptism

Life of Jesus Christ from the time His family leaves Egypt until He is baptized (30 min—1956—Commercial Adaptation).

16-8677 Men of the Wilderness

Testimony of John the Baptist—Conflict between Herod and Herodias over John—Healing of madman at Capernaum and curing of sick by Jesus (30 min—1956—Commercial Adaptation).

16-8685 The Challenge of Faith

Jesus spreads His teachings in Galilee—Imprisoned, John the Baptist is told of the wonders of Jesus—Jesus meets Matthew, the Publican (29 min—1956—Commercial Adaptation).

16-8686 Discipleship

Jesus chooses His 12 disciples and teaches them how to pray—He cures a leper in Galilee (28 min—1956—Commercial Adaptation).

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- 16-8691 Return to Nazareth**
 Jesus journeys back to Nazareth—His wonders in Capernaum, Cana, and Samaria—Episode in Nazareth—He journeys on to Galilee (29 min—1956—Commercial Adaptation).
- 16-8700 Government is Your Business**
 Story of a young man who shows that corrupt government is due to the weakness of good people more than to the strength of evildoers (27 min—1956—Commercial Adaptation).
- 16-8701 Jerusalem, The Holy City**
 Relation of Jerusalem to the Christian, Jewish and Islamic faiths—Origin, history and creed of each faith (10 min—1956—Color—Commercial Adaptation).
- 16-8707 Kapaun Retreat House**
 The story of the Kapaun Retreat House in Japan—Recreational and religious activities afforded all military personnel in Far East (16 min—1957).
- 16-8730 Conflict**
 Jesus comes to the home of Lazarus in Bethany—Goes on to Jerusalem where He preaches and makes known His healing powers—Goes on to Galilee (28 min—1957—Commerical Adaptation).
- 16-8786 In the Face of Jeopardy**
 A Chinese houseboy in Southeast Asia, motivated by the love of God, saves his employer from Communist terrorists at the risk of his own life (28 min—1957—Commercial Adaptation).
- 16-8794 Film Chronicles from the Book of Psalms—Reverence**
 A pictorial reflection of the Lord's creation of the universe accompanied by dramatic narration of excerpts from the Book of Psalms (10 min—1957—Color—Commercial Adaptation—Distribution to Central and Post Film and Equipment Exchanges in CONUS and overseas).
- 16-8805 Fate of John the Baptist**
 Princess Salome dances for Herod's guests and requests the head of John the Baptist as a "Gift." After John's death, his followers join Jesus (28 min—1957—Commercial Adaptation).
- 16-8806 Retreat and Decision**
 Jesus tells His disciples He is returning to Jerusalem and predicts His death and resurrection—Jesus resurrects Lazarus from the grave (30 min—1957—Commercial Adaptation).
- 16-8807 Triumph and Defeat**
 At the Passover Feast, Jesus predicts His betrayal by Judas—Jesus is arrested at Gethsemane and judged guilty by the Sanhedrin of blasphemy (28 min—1957—Commercial Adaptation).
- 16-8808 Crucifixion and Resurrection**
 Jesus is crucified on Pilate's order—Joseph claims the body—Jesus' body disappears from tomb and He appears to Mary and the apostles (28 min—1957—Commercial Adaptation).
- 16-8825 Are You Ready for Service?—Why You**
 System of choosing young men for military service—Reasons for deferment—Purpose of enlistment (13 min—1957—Commercial Adaptation).

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MF No.

16-8840 Birth of the Savior

Story of the birth from the time the Angel appears before Mary and Joseph in Nazareth to the subsequent events in Bethlehem (15 min—Commercial Adaptation—1957).

16-8884 Birth of John the Baptist

An angel announces to Zachariah that he and Elizabeth are to have a son and that he is to be named John—After the child's birth, Zachariah offers praises to God—John is shown as the wilderness prophet proclaiming the coming of the Messiah (20 min—1958—Commercial Adaptation).

16-8885 Childhood of Jesus

The wise men bring their gifts to the infant Jesus—They are warned not to return to Herod—Joseph flees with the child to Egypt—Returns to Galilee after Herod's death—At the age of twelve years, Jesus is taken to the temple in Jerusalem for Passover (15 min—1958—Commercial Adaptation).

16-8886 Ministry of John the Baptist

While John preaches, Jesus comes to him to be baptized—John is imprisoned by Herod—Jesus is asked by two disciples of Herod if He is the Christ—John is beheaded at the request of Herodias (20 min—1958—Commercial Adaptation).

16-8887 First Disciples

The little group around John the Baptist is approached by Jesus—Andrew, John, and Simeon go with Jesus—They are later joined by Philip and Nathaniel—Jesus begins to teach His first group of disciples (15 min—1958—Commercial Adaptation).

16-8888 Jesus at Nazareth and Capernaum

In Cana, Jesus assures a nobleman that his dying son will live—At the Temple of Nazareth, Jesus reads from Isaiah and arouses the congregation to violence—He is forced out of the synagogue—Jesus journeys on alone to Capernaum (15 min—1958—Commercial Adaptation).

16-8889 Jesus and the Fishermen

Jesus meets four fishermen—They are Peter, Andrew, James, and John—Leaving their nets, they follow Him to Capernaum, where Jesus heals the sick and afflicted—Jesus and His disciples then start on their first tour of Galilee together (15 min—1958—Commercial Adaptation).

16-8890 Thy Sins are Forgiven

Jesus cures a sick man in Capernaum and forgives him of his sins—He commands Matthew, the tax collector, to follow Him—Jesus is questioned by the Pharisees about fasting and replies with three parables (15 min—1958—Commercial Adaptation).

16-8891 Jesus, Lord of the Sabbath

The Pharisees criticize the man, healed by Jesus at the pool of Bethesda, for carrying his bed on the Sabbath—Jesus and his disciples are criticized for husking a few kernels on the Sabbath—Jesus declares that the Son of Man is Lord of the Sabbath (15 min—1958—Commercial Adaptation).

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16-8892 The Transfiguration

Peter confesses that Jesus is the Christ—Jesus takes James, Peter, and John to the top of the mountain with Him where He is transfigured before them—Moses and Elijah appear and talk with Jesus—At the foot of the mountain an epileptic boy is healed (20 min—1958—Commercial Adaptation).

16-8893 Jesus Teaches Forgiveness

A sinful woman anoints Jesus' feet—He forgives her sins—He gives rules for treating a brother who has sinned against one—Tells several parables on forgiveness—He exhorts that all should forgive (15 min—1958—Commercial Adaptation).

16-8894 Before Abraham Was, I Am

Jesus teaches in the Temple at Jerusalem—The Sanhedrin sends soldiers to arrest him—Nicodemus defends Jesus—He proclaims His deity by saying, "Before Abraham was, I am" (20 min—1958—Commercial Adaptation).

16-8895 Jesus Heals the Man Born Blind

Jesus restores a blind man's sight by putting clay on his eyes and having him wash in the pool at Siloam—Religious authorities question the man but he does not know who has given him his sight—Jesus finds the man, and he believes in Him as the Son of God (20 min—1958—Commercial Adaptation).

16-8896 I am the Resurrection

In the city of Nain, Jesus brings back life to the widow's son—At the house of Jairus—He raises his daughter back to life—He hears from Mary and Martha that Lazarus is dead—He goes to the tomb and commands Lazarus to come forth (20 min—1958—Commercial Adaptation).

16-8917 Jesus Before the High Priest

Jesus is arrested at Gethsemane and taken to Annas—He is tried before Caiaphas, high priest of the Temple, and the Sanhedrin—He is charged with blasphemy and sent to Pilate (13 min—1958—Commercial Adaptation—Distribution to Army Film and Equipment Exchanges in CONUS&OS—No additional prints available on reorder).

16-8918 Trial Before Pilate

Jesus is tried before Pilate and is turned over to Herod for sentencing—Herod sends Him back to Pilate, who turns Him over to the soldiers to be crucified (13 min—1958—Commercial Adaptation—Distribution to Army Film and Equipment Exchanges in CONUS & OS—No additional prints available on reorder).

16-8919 The Crucifixion

Jesus carries His cross to the hill of Golgotha where He is to be crucified—Jesus falls while carrying the cross—Simon of Cyrene carries it for Him—He is nailed to the cross and, after six hours, dies (18 min—1958—Commercial Adaptation—Distribution to Army Film and Equipment Exchanges in CONUS&OS—No additional prints available on reorder).

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MF No.

16-8920 Nicodemus

Joseph of Arimathea and Nicodemus make arrangements for Jesus' burial—Nicodemus reflects upon the teachings of Jesus and when he defended Him before the Sanhedrin—They prepare the body for burial and take it to Joseph's tomb (18 min—1958—Commercial Adaptation—Distribution to Army Film and Equipment Exchanges in CONUS&OS—No additional prints available on reorder).

16-8921 Younger Brother—Story of Japan

A young Japanese, who has set out to make a life of his own, meets with an accident on his job—He is saved by a man who is a Christian—The two have many talks and the Japanese learns about Christianity and adopts its beliefs, notwithstanding family objection (28 min—1958—Commercial Adaptation—Distribution to Army Film and Equipment Exchanges in CONUS&OS).

16-8922 Baragoi—An Outpost of Faith

Describes the work of the first Christian mission established by Consolata Fathers in Baragoi in Kenya on the East African Coast—Shows native mode of life, dress, and customs—Medical care and educational activities (13 min—1958—Color—Commercial Adaptation—No additional prints available on reorder).

16-8945 Last Journey to Jerusalem

Jesus and His disciples journey to Jerusalem for the Feast of Passover—Jesus tells them of His coming death and resurrection—At the Temple He is welcomed by the people (17 min—1958—Commercial Adaptation—Distribution to Army Film and Equipment Exchanges in CONUS and overseas—No additional prints available on reorder).

16-8946 Thirty Pieces of Silver

At the Temple, the priests plot Jesus' arrest and death—Jesus is annointed by Mary, Lazarus' sister—Judas, indignant at the waste of oil, goes to the priests and bargains for Jesus' betrayal for thirty pieces of silver (13 min—1958—Commercial Adaptation—Distribution to Army Film and Equipment exchanges in CONUS and overseas—No additional prints available on reorder).

16-8947 Upper Room, The

Jesus and His disciples partake of the last paschal meal together—Jesus predicts His betrayal, institutes the Lord's Supper with the bread and wine, and gives His benediction of peace (14 min—1958—Commercial Adaptation—Distribution to Army Film and Equipment Exchanges in CONUS and overseas—No additional prints available on reorder).

16-9014 Christmas Spirit, The

A stable owner, embittered by the loss of his son in the war, learns true meaning of Christmas from a small child—Young Roddy Blaine is given money to buy a pony he loves—Instead he buys a little shetland pony his brother wants—This unselfish act makes the owner realize the real meaning of "brotherly love"—He presents Roddy with his beloved pony as a gift (32 min—1958—Color—Commercial adaptation—Distribution to Army Film and Equipment Exchanges for loan to Chaplains—No additional prints available).

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16-9015 Betrayal in Gethsemane

After the last Passover Supper, Jesus and the disciples go to the Garden of Gethsemane—While He prays the disciples sleep—He awakens them as Judas and the temple guards come into the garden—Judas betrays his master with a kiss—Jesus is taken away and Judas, realizing what he has done, throws the thirty pieces of silver at the feet of the priests and goes out to hang himself (15 min—1959—Commercial Adaptation—No additional prints available on reorder).

16-9032 The Catholic Hour—Rome Eternal—The City of Peter

History and culture of ancient Rome—How Christianity began and flourished in spite of existing paganism—Historic landmarks of ancient Rome (30 min—1959—Commercial Adaptation).

16-9033 The Catholic Hour—Rome Eternal—The City of Faith

How Christianity took hold in Rome under Constantine The Great—Contributions of the early missionaries, and history of the early churches (30 min—1959—Commercial Adaptation).

16-9034 The Catholic Hour—Rome Eternal—Renaissance Rome

Statuary, architecture, sculpture, and art that testified to the strong religious belief in Renaissance Rome—Raphael, Michelangelo, and others (30 min—1959—Commercial Adaptation).

16-9035 The Catholic Hour—Rome Eternal—Our Moment in Time

Contemporary Rome and the person of Pope Pius XII—A tour of Vatican City—Pope Pius XII at St. Peter's and at the Castle Gondolfo (30 min—1959—Commercial Adaptation).

16-9036 The Mystery of 3 Clocks

A sermon from science on the mysteries of the "time-keeping" devices found in the universe, testimony to the rule of God's laws of creation (29 min—1959—Color—Commercial Adaptation).

16-9037 No Vacant Chairs

Defines the rules of good teaching and the factors that influence the learning process (15 min—1959—Color—Commercial Adaptation—Distributed to AF&EEs in CONUS and OS—Additional prints available on reorder).

16-9046 Power of the Resurrection, The

Peter, imprisoned with other Christians, is awaiting torture and death—He comforts and strengthens a young lad by recounting his past association with Jesus—He tells of Jesus' teachings and miracles; and the story of Jesus from His betrayal by Judas, to the Pentecost when the Holy Spirit descends on the Apostles (62 min—1959—Color—Commercial Adaptation—Distribution to Army Film and Equipment Exchanges in CONUS and overseas—No additional prints available on reorder).

16-9047 Amos, Shepherd of Tekoa

A dramatic interpretation of Amos, the herdsman, who preached justice and mercy, and denounced those who oppressed the poor (16 min—1959—Commercial Adaptation).

16-9056 The Candlemaker

Story of a candlemaker's son who learns the meaning of Christian stewardship (13 min—1959—Color—Commercial Adaptation).

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16-9057 The Pilgrims

Story of the Pilgrims—Voyage on the Mayflower—Founding of New Plymouth Colony—The first Thanksgiving—The Mayflower compact (23 min—1959—Commercial Adaptation—Distributed to AE&EEs in CONUS and OS—No additional prints available on reorder).

16-9065 I Don't Want to Win (for Parents)

A boy shows his parents the importance of following the rules in a church competitive project in order to win fairly and honestly (13 min—1959—Color—Commercial Adaptation).

16-9077 Flying Straight

The story of young Bobby whose sense of fair play and honesty prevents him from accepting a coveted prize in a church contest dishonestly (15 min—1959—Color—Commercial Adaptation).

16-9078 King of the Block

The story of young Stevie who learns that selfishness leads to unhappiness—His bossiness and selfish attitude loses him his play-mates (15 min—1959—Color—Commercial Adaptation).

16-9079 A Bigger Reward

Young Carl learns that thoughtfulness for others with a higher motive than personal gain results in the greater reward of doing what is right (15 min—1959—Color—Commercial Adaptation).

16-9080 Love Thy Neighbor

Lem, the postman, shows how the application of the Golden Rule of neighborly kindness can help make life peaceful and happy (30 min—1959—Commercial Adaptation).

16-9081 Moses, Called by God

Moses' escape from death as a child, his flight from Egypt and appointment by God to lead the Israelites from Egypt, crossing of the Red Sea (17 min—1959—Color—Commercial Adaptation).

16-9082 Moses, Leader of God's People

Journey to Canaan—God's giving of the Ten Commandments, building of the Tabernacle, the golden calf, the 40 years of wandering in the wilderness (17 min—1959—Color—Commercial Adaptation.)

16-9083 Samuel, A Dedicated Man

Samuel's boyhood in the Tabernacle, his leadership of the Israelites, his life as teacher of God's Word, and his choice of Saul as King of Israel (17 min—1959—Color—Commercial Adaptation).

16-9084 A Story of Two Men

The story of Mentor Graham, the teacher who had such a profound influence on the life of President Abraham Lincoln (29 min—1959—Commercial Adaptation).

16-9092 Joshua, The Conqueror

The story of Joshua, Moses' successor—The Battle of Jericho and the campaign to win all Canaan for the Israelites (16 min—1959—Color—Commercial Adaptation).

16-9139 Lourdes—The Shrine of our Lady

A visit to the Shrine, showing the main points of interest, the religious services and processions, and the blessing of the sick and lame (18 min—1960—Color—Commercial Adaptation).

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16-9149 Missionary to Walker's Garage

Story of a boy who decides on an engineering career instead of ministry, stressing idea that each man should serve God as his talents direct him (27 min—1960—Commercial Adaptation.)

16-9150 Immortal Love (Religious concept of life, love and death)

Expounds idea that Faith in God is necessary for true acceptance of life and death, and that love experienced in life cannot be destroyed by death (30 min—1960—No additional prints available on reorder).

16-9151 Forget Richards (Ethics in Business Relationships at Management Level)

Concerns patterns of behavior and questionable ethics encountered in business relationships at the management level (12 min—1960—No additional prints available on reorder).

16-9152 A Better World Begins with Me

Develops the theme that to love God is to love one's fellowmen and that each person should try to make the world a better place to live in (30 min—1960—Color—Commercial Adaptation—No additional prints available on reorder).

16-9153 Johnny Appleseed—A Legend of Frontier Life

Story of Jonathan Chapman, hero of early 19th century America, who established more than 30 nurseries and helped over 500 settlers plant apple orchards (15 min—1960—Color—Commercial Adaptation).

16-9154 A Time for Valor (Chanukah, Jewish Festival of Lights)

The story and meaning of Chanukah, history's first episode of man's struggle for religious freedom as it occurred in Judea 2100 years ago (14 min—1960—Commercial Adaptation).

16-9155 With All Thy Heart (Jewish High Holy Days)

The significance, prayer and ritual of the Jewish religious New Year (Rosh Hashana) and The Day of Atonement (Yom Kippur) (15 min—1960—Commercial Adaptation).

16-9156 Freedom Rings (Passover Festival)

Meaning and ritual of the Passover Festival commemorating the exodus from Egypt to freedom—the ritual and prayer at the Seder (14 min—1960—Commercial Adaptation—No additional prints available on reorder).

16-9157 Red River of Life—Part I

Sermon on mystery of life as reflected in complex structure and functioning of human bloodstream—Part I—Covers the heart and circulatory system (29 min—1960—Color—Commercial Adaptation—No additional prints available on reorder).

16-9158 Red River of Life—Part II

Sermon on mystery of life continued—Part II considers the nature and chemistry of red and white blood cells, and functioning of the blood cell (32 min—1960—Color—Commercial Adaptation—No additional prints available on reorder).

16-9159 A Careless Word

Concerns the evil wrought by gossip, developing the theme that gossip is contrary to all religious and moral precepts (27 min—1960—Commercial Adaptation—No additional prints available on reorder).

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- 16-9160 Our Bible—How it Came to Us—Part I**
Origin and text of The Hebrew Old Testament, The Greek Apocrypha, and The New Testament (25 min—1960—Commercial Adaptation).
- 16-9161 Our Bible—How it Came to Us—Part II**
Origin, text and use of The Latin Vulgate; translations of Bible in European languages in 12 and 13C; English translation by John Wycliff in 14C (25 min—1960—Commercial Adaptation).
- 16-9162 Our Bible—How it Came to Us—Part III**
Translations by Erasmus, Luther, and Tyndale (16C); The King James Version (1611); The American Standard Edition (1901); Revised American Standard Edition (35 min—1960—Commercial Adaptation).
- 16-9223 The Fifteen Mysteries of the Rosary—"The Agony" (Catholic)**
Portrays the agony of betrayal suffered by Jesus; sermon on the power of the Rosary in the family—Stress on the importance of daily prayer (32 min—1960—Color—Distributed to AF&EEs—No additional prints available—Commercial Adaptation).
- 16-9224 The Fifteen Mysteries of the Rosary—"The Scourging" (Catholic)**
Jesus' trial before Pontius Pilate and the scourging by the soldiers; sermon on the power of the Rosary for the atonement of sin (34 min—1960—Color—Distributed to AF&EEs—No additional prints available—Commercial Adaptation).
- 16-9225 The Fifteen Mysteries of the Rosary—"The Crowning" (Catholic)**
Jesus' final trial before Pilate after the scourging; sermon on the power of the Rosary to wipe out the sin of pride and bring joy to the home (29 min—1960—Color—Distributed to AF&EEs—No additional prints available—Commercial Adaptation).
- 16-9226 The Fifteen Mysteries of the Rosary—"The Carrying" (Catholic)**
The sentencing of Jesus and the carrying of the cross to Calvary; sermon on the power of the Rosary in the home as a protection against evil (31 min—1960—Color—Distributed to AF&EEs—No additional prints available—Commercial Adaptation).
- 16-9227 Faith of our Families**
Stresses the merits of family worship for spiritual growth; shows how prayer can be incorporated into the daily life of a family (36 min—1960—Distributed to AF&EEs for loan to Chaplains—No additional prints available—Commercial Adaptation).
- 16-9228 What is a Christian**
Defines the fundamental creed of the Christian Faith, i.e., Man is a sinner, but is forgiven of his sins through faith in Christ (30 min—1960—Distributed to AF&EEs for loan to Chaplains—No additional prints available—Commercial Adaptation).
- 16-9229 Abraham, Man of Faith**
The life of Abraham—His call and journey to Canaan, Lot's deliverance, The Abrahamic Covenant, birth of Isaac, and the test of faith in Moriah (15 min—1960—Color—Distributed to AF&EEs for loan to Chaplains—No additional prints available—Commercial Adaptation).

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16-9230 Jacob, Bearer of the Promise

Jacob's early life—How he received Isaac's blessing, the visit from the Lord, the service for Rachel and marriage to Leah, the return to Canaan (15 min—1960—Color—Distributed to AF&EEs for loan to Chaplains—No additional prints available—Commercial Adaptation).

16-9231 Empty Shoes

The story of William Carey, 18th Century Christian missionary to India—His dedicated service and translation of the New Testament (30 min—1960—Color—Distributed to AF&EEs for loan to Chaplains—No additional prints available—Commercial Adaptation).

16-9232 The Choice

The problem of social drinking and how it affects the average family, stressing that it is for the parents to set the standards for children (15 min—1960—Distributed to AF&EEs for loan to Chaplains—No additional prints available—Commercial Adaptation).

16-9233 Rim of the Wheel

Develops the theme that love of God and understanding of the true values make for rich living and inner peace (22 min—1960—Distributed to AF&EEs for loan to Chaplains—No Additional prints available—Commercial Adaptation).

16-9234 Tokens of Love

Teaches the idea that messages of love are always "in season" and that consideration and cooperation in the family are the true tokens of love (15 min—1960—Color—Distributed to AF&EEs for loan to Chaplains—No additional prints available—Commercial Adaptation).

16-9235 Half Inch of Selfishness

Teaches the idea that unselfishness in human relations is the best assurance for getting along with people (15 min—1960—Color—Distributed to AF&EEs for loan to Chaplains—No additional prints available—Commercial Adaptation).

16-9236 Sharing is Fun

Teaches the idea that there is joy in sharing possessions with friends (15 min—1960—Color—Distributed to AF&EEs for loan to Chaplains—No additional prints available—Commercial Adaptation).

16-9275 The Fifteen Mysteries of the Rosary "The Crucifixion" (Catholic)

Jesus' crucifixion and last conversation with Mary; sermon on the power of the Rosary, and Mary's spiritual love for those who love her son (33 min—1960—Color—Distributed to AF&EEs—No additional prints available—Commercial Adaptation).

17-1280 Tank Mission—World War II

Armored tanks of WW II on maneuvers and in action in the ETO—Versatility of tanks—Tank speed increase in fields when using the hedgerow cutter—Mine locators and detonators used on front of tank for safety and efficiency purposes when traveling in enemy territory—Camouflage methods—Great contribution of tanks in WW II (10 min—1946).

17-7864 Hell on Wheels

Historical record of the combat activities of the 2nd Armored Division during World War II (17 min—1951).

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- 19-1073 Attack on Hidden Waste**
Achieving maximum efficiency on job through proportional use of time (15 min—1944).
- 19-7546 Your Army in Disaster Relief**
Army's role in disasters in US—Texas City disaster—Snowbound areas in winter of 1948-49—Floods along Mississippi—Aiding stricken communities—Military police, medical, engineer, signal, and other units aiding in disaster relief (17 min—1949—Film Reference).
- 19-8027 Security Control, You Never Can Tell**
Emphasizing awareness of security program responsibilities on-and-off the defense plant job—Carelessness of well-intentioned employees—Proper handling of classified information (40 min—1952—Film Reference—From Navy Film MN 6947).
- 19-8274 Civil Assistance in Korea**
Purpose, scope, and activities of civil assistance—Illustration of how the civil assistance program helped the Korean people—Accomplishments of civil assistance (30 min—1954).
- 19-8415 Provost in a Divisional Move**
Duties and responsibilities of military police in planning for a divisional move—Provost marshal plan in action—Factors considered are equipment, starting points, designated routes, signing parties, traffic points, and provisions for detours in case of breakdown (30 min—1955—Film Reference—From British Army Film BC 3057).
- 19-8509 The Traffic Officer in Court**
Importance of neat appearance, and of thorough preparation of case, and proper presentation of case in court (10 min—1955—Film Reference—Commercial Adaptation).
- 19-8510 Hit-and-Run Investigation**
Basic techniques applied in hit-and-run accident investigations (10 min—1955—Film Reference—Commercial Adaptation).
- 19-8511 Detecting and Recording Skidmarks**
How to detect and record skidmarks (8 min—1955—Film Reference—Commercial Adaptation).
- 19-8699 Prisoners of War**
Procedures used in Korea by Military Police in handling prisoners of war—Processing of prisoners from time of capture to evacuation to internment camps—Actual operation of prisoner of war camps (22 min—1957—Film Reference).
- 19-8796 The Darmstadt Case**
Documentary on the 27th Military Police Criminal Investigation Detachment in Frankfurt, Germany—Facilities and methods used to apprehend criminals (10 min—1957—Film Reference—Also part of AFSM 525—Limited distribution to Central Film and Equipment Exchanges in CONUS and OS for loan to interested groups).
- 19-8843 It's Your Decision**
This film explains the responsibilities of military, civil, and industrial authorities in the event of attack—The vital need for close cooperation between industrial leaders and Government defense organizations for national survival is emphasized (32 min—1958—Color—From Air Force Subject SFP 368—Film Reference).

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- 20-1144 Ideas Unlimited**
Steps involved in work simplification (18 min—1951—Commercial Adaptation).
- 20-1153 Saudi-Arabia Graduation Exercises (U)**
(This film is classified SECRET—Printing discontinued.)
- 20-1192 Combat Team**
Efficient operation in airplane factory necessary for successful air combat operations (37 min—1945—Commercial Adaptation).
- 20-1216 Hawaiian Holiday (Recruiting Subject)**
Military recreational facilities in Hawaii—Variety of entertainment for off-duty hours (18 min—1945—Distribution limited to ZI only).
- 20-1226 Welcome Home**
Returning soldiers are welcomed home to civilian life (20 min—1945).
- 20-1240 Oil Fires**
Fire fighting methods to control oil fires (46 min—1945—Commercial Adaptation).
- 20-1300 America the Beautiful**
Technicolor tour of the US—From New York to Death Valley (17 min—1947—Color—Commercial Adaptation).
- 20-1367 It's Wanton Murder**
Veteran of WW II injured fatally by driver attempting to beat the light (12 min—1947—Commercial Adaptation).
- 20-1368 "X" Marks the Spot**
Traffic experience of typical driver and pedestrian (22 min—1947—Commercial Adaptation).
- 20-1370 Highway Mania**
Interviews of traffic authorities by Lowell Thomas—Dangerous driving hazards—Correct methods (10 min—1947—Commercial Adaptation).
- 20-1371 A Safe Day**
Home, highway, and industrial safety—Safety message to average worker—Daily routine of safe worker (10 min—1947—Commercial Adaptation).
- 20-1372 Your Driving Habits**
Elements of good driving—Starting engine—Using clutch and gear-shift—Brakes—Driving on curves, pavements, in mountainous country, through ice, snow, water, and mud—Parking car (14 min—1947—Commercial Adaptation).
- 20-1396 Crossroads—Radiological Safety**
Radio safety teams at Bikini during Operation Crossroads—Use of Geiger counters—Ionization chambers—Film badges for measuring radioactivity—Use of drone boats and planes for investigating highly contaminated areas—Method of plotting these areas—Divers investigating radioactivity resulting from test—Marine life gathered for further study (25 min—1947—From Navy Film MN 5367-B).
- 20-1428 Atomic Physics**
Atomies from the time of Dalton through Mandelieff, the Curies, and Decquerel to the present—Live recordings of Lords Rutherford

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and Thompson, Dr. Einstein, Cockcroft, and Frische—Film is divided into five parts for use as a training aid (100 min—1948—Commercial Adaptation).

20-7500 Atomic Energy

Basic principles—Formation of atom into electrons, protons, and neutrons—Bombardment of the atom with resultant radiation of atomic energy—Chain reaction (11 min—1948—Commercial Adaptation).

20-7513 Exercise Yukon

Tactical operation—Four objectives—Testing air transports in arctic—Defending arctic airfields—Developing methods of training ground force units—Reporting data for further arctic operations (30 min—1949).

20-7670 Radiological Safety on Operation Sandstone

Various aspects and problems of atom bomb tests at Eniwetok—Types of equipment for measuring and recording exposure to radiation—Strength, effect, and shielding qualities of various materials—Evaluation of data after explosion (26 min—1950—From Armed Forces Special Weapons Project 9-3).

20-7671 Security Control in Operation Sandstone

Review of stringent security measures observed during atom bomb tests at Eniwetok during spring of 1948 (24 min—1950—From Armed Forces Special Weapons Project 19-16).

20-7672 United States Army Engineers in Operation Sandstone

Engineer problems at Eniwetok atom bomb test—Demolition of old buildings and erection of new—Rebuilding roads and runways—Clearing land for visibility and photography—Installing water system and electricity—Preparing towers, concrete blockhouses, and walls to test shielding effects of various materials—Other technical installations—Installing coaxial cables (20 min—1950—From Armed Forces Special Weapons Project 19-10).

20-7673 Story of Communications on Project Sandstone

Necessary communications system—Communications handled by military personnel of all three branches of service—Civilian technicians—Setting up telephone and teletypewriter communications systems, radio nets, and radar listening posts for security purposes—Submarine cable and courier service (29 min—1950—From Armed Forces Special Weapons Project 19-7).

20-7674 Weather to . . .

Role of meteorological personnel during the atomic bomb tests at Eniwetok, Operation Sandstone—Importance of accurate weather data in planning tests—Meteorologists of Joint Task Force Seven plotting weather (22 min—1950—From Armed Forces Special Weapons Project 19-6).

20-7675 The Navy's Part in Operation Sandstone

A resume of all phases of work involved in carrying out the project including the many contributions of the Navy to its success (40 min—1950—From Armed Forces Special Weapons Project 19-14).

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20-7676 Look—No Hands (Operation Sandstone)

The role played by the Air Force in the tests at Eniwetok, with the use of drone planes (20 min—1950—From Armed Forces Special Weapons Project 19-11).

20-7725 Arctic Indoctrination School—Winter 1950

Army's arctic indoctrination school at Big Delta, Alaska, winter 1950—Student troops at school—Snowshoe and ski technique—Bivouac in snow—Constructing various types of shelters—Mining a frozen lake surface to impede mechanized attack—Demonstration of penetration power of small arms fire into snow and ice (15 min—1950).

20-7728 Crop Check

Methods used to estimate yields of crop fields—Advantages of intelligent crop estimating (15 min—1950).

20-7773 An Introduction to Radiation Detection Instruments

Instruments for detection of atomic radiation, including alpha, beta, and gamma rays—Pocket dosimeter, pocket chamber, ion chambers, Geiger counters—Principles and practical application of these instruments (18 min—1950—From Armed Forces Special Weapons Project).

20-7815 The Effects of Atomic Bomb Explosions

Preparation for atomic attack—Relative effects of various kinds of atomic explosions as determined at Nagasaki, Hiroshima, and the Pacific testing range, as well as the theoretical effects of ground-contact and underground explosions—Nuclear radiation (21 min—1951—From Armed Forces Special Weapons Project).

20-7854 Last Date

Dangers of speeding illustrated by tragic accident affecting the lives of four teenagers (19 min—1951).

20-7855 And Then There Were Four

Minor traffic violations—Difference between minor and major violations (26 min—1951—Commercial Adaptation).

20-7857 A Closed Book

Launching of safety crusade by small town doctor whose wife has been killed by hit-and-run driver—Difficulty of convincing indifferent public that safety is everybody's business (26 min—1951—Commercial Adaptation).

20-7896 The Basic Physics of an Atomic Bomb

Basic principles of atomic energy and the atomic bomb—Atomic numbers—Isotopes—Half-life—Fusion—Fission—Chain reaction—Critical mass (19 min—1952—Color).

20-7924 Dress Rehearsal

A good soldier is a well-trained soldier—Techniques of combat conditioning and psychological indoctrination—Basic training attack course—Realism simulated by barrage of live ammunition, direct tank fire, all-night bivouac, combined arms attack (13 min—1952).

20-7949 KMAG and the ROK Soldier

Developments of South Korean Army under US Korean Military Advisory Group (27 min—1954).

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20-7956 Atomic Support for the Soldier

Pictorial record of *Exercise Desert Rock* staged near Las Vegas, Nevada, in November 1951, showing relative destructiveness of atomic bomb and defense measures against it—Research tests under simulated combat conditions—Effects on men, equipment, fortifications, and materiel (21 min—1953).

20-7979 Troop Information and Education in the Field

The US soldier fights best because he is an efficient fighting man kept in top physical form, highly trained in military skills, and mentally alert—The army's troop information and education program provides, even in combat areas, educational programs from basic to university level (17 min—1953).

20-7986 Aircraft Recognition—Soviet Jet Aircraft

Individual structural and performance characteristics of the Russian jet aircraft, the MIG-15, YAK-15 (modified), and MIG-9 (15 min—1953—Film Reference—From Navy Film MN 6898-C).

20-7991 Recognition of Jet Aircraft

Depicting the salient structural features and performance characteristic of the F9F Panther, F2H Banshee, F3D Skynight, and F7U Cutlass (15 min—1953—Film Reference—From Navy Film MN 6898).

20-7995 Pick Your Safety Target

Teaching the supervisor and foreman how to analyze the causes of accidents—What action to take on evidence—Classifying accidents, interpreting the facts, and transplanting them into positive accident-prevention measures (14 min—1953—Commercial Adaptation).

20-7997 Safety in Offices

Common office accidents—Developing among employees awareness of hazards to avoid—Need for implementing safety measures (10 min—1953—From Navy Film MN 1921-D).

20-8116 Stockpile to Target (U)

(24 min—1952—Limited distribution to Service schools in CONUS—Film is classified SECRET-RESTRICTED DATA.)

20-8125 A-Bomb at Sea (U)

(19 min—1952—Color—Limited Distribution—Film is classified SECRET-RESTRICTED DATA.)

20-8126 Baker Day Hi-Speed Story (U)

(24 min—1952—Limited Distribution—Film is classified CONFIDENTIAL.)

20-8127 Able Day Hi-Speed Story (U)

(19 min—1952—Limited Distribution—Film is classified CONFIDENTIAL.)

20-8147 Eyes of Flight

Techniques of handling, forming, and storing acrylic plastic, commonly called Plexiglas or Lucite—Uses, many and essential, to aircraft (30 min—1953—Color).

20-8148 Radioactive Contamination

This film helps to revolve the remaining misconceptions concerning hazards of radio-active contamination—Lessons learned from aircraft carrier INDEPENDENCE, a thoroughly contaminated guinea pig, subjected to various types of surveys—Decontamination

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measures possible under tactical situations—Radio-active contamination control (20 min—1953—from Armed Forces Special Weapons Project 5201).

20-8169 **Military Participation on Tumbler/Snapper (U)**

(47 min—1953—Color—Limited distribution—For use in courses of instruction on Atomic weapons given at general and branch service schools concerned—One part each to CF&EEs in CONUS—Film is classified SECRET-RESTRICTED DATA.)

20-8213 **Skill is Your Business (Safe Driving)**

Wilbur Shaw illustrates importance of relaxed coordination for skillful driving (11 min—1953—Distribution limited to CFL's in CONUS—Supplementary distribution to AF&EEs for special Ordnance installations in CONUS—Commercial Adaptation).

20-8218 **Safety Saves**

Driver training and safety practices as applied to operation of fork-lift trucks and towing tractors—Do's and don'ts of safe driving—Causes of most accidents and how to avoid them (26 min—1954—Commercial Adaptation).

20-8224 **Training at Officer Candidate Schools**

Example of how officer candidate schools are conducted is the school at Fort Benning, Georgia—Qualities needed for selection to receive training leading to commission as 2nd Lieutenant in the Army of the US—Military skills and techniques, leadership, and military know-how stressed (25 min—1954).

20-8261 **Ivy—Documentary Film (U)**

(60 min—1954—Color—Distribution limited to the AA&GM Branch—TAS, Ft Bliss, Tex., and C&GSC, Fort Leavenworth, Kans.—There are two other versions: (a) 28 min version—Unclassified AFIF 62, distributed by DA—(b) 36 min version FOR OFFICIAL USE ONLY, not distributed by DA—Film is classified SECRET-RESTRICTED DATA.)

20-8267 **Operation Upshot-Knothole 1953 (U)**

(43 min—1954—Color—Distribution limited to: Central film libraries in CONUS and USAREUR and film libraries serving the Armored, Artillery and Infantry Schools—Film is classified SECRET-RESTRICTED DATA.)

20-8282 **The Gamblers (Safe Tractor Operation)**

Safe operation of the tractor—Operational hazards—Necessary precautions to avoid accidents to operator and others (21 min—1954—Commercial Adaptation).

20-8322 **Time to Go (Selective Service)**

Organization, purpose, and operation of selective service system—Personnel and activities of local boards—Requirements, obligations, classifications, and deferments of draftees—Preinduction processing—Induction—Benefits of Army training (28 min—1955—Film Reference).

20-8348 **Drive Right**

Analysis and illustration of four major causes of traffic accidents (intoxication, fatigue, speed, and preoccupation)—involving military personnel (20 min—1954—From Navy Film MN 7498-B).

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- 20-8350 A Special Weapons Orientation—Part II—**
Basic Atomic Weapons (U) (11 min—1954—Color—Distribution limited to CFLs in CONUS—major OS Commands—Service Schools of the Combat Arms—From Armed Forces Special Weapons Project 30-11, Part 2—Film is classified SECRET-RESTRICTED DATA).
- 20-8357 To Live in Darkness**
Cases of men who have lost their sight as a result of careless attitudes toward occupational hazards (14 min—1954—From Navy Film MN 1921-F).
- 20-8386 A Special Weapons Orientation—Part V—Effects of Atomic Weapons (U)**
(14 min—1954—Distribution limited to CFL's in CONUS—Major OS Commands and Service Schools of the Combat Arms—Film is classified SECRET-RESTRICTED DATA.)
- 20-8410 Sgt MacDuff—Salesman (Recruiting)**
Four basic steps for successful recruitment of men into the Army (19 min—1955).
- 20-8416 Universal Fuze A, MK 6, Application (U)**
(21 min—1955—Distribution limited to—Asst Commandant Artillery School, AA&GM Branch, Fort Bliss, Texas—SCPL&L M/F: Chief of Ordnance SCPL&L M/F—Chief, Engineers—Film is classified SECRET-RESTRICTED DATA.)
- 20-8418 Beyond Tomorrow—A Story of an American Girl**
WAC recruiting film—Story of a young girl, who on the day of her marriage reflects on her life in the WAC—Evaluates her military career, recalls her training and job assignments and gains in personal development and maturity (15 min—1955—Color).
- 20-8419 Chaplain USA**
Army chaplain and his job—His training assignments, and responsibilities (19 min—1955—Color).
- 20-8420 All Star Team (Recruiting)**
Army recruiting film stressing importance of the individual soldier to the Army team—Organization and function of the Army—Army life in combat and in peacetime (24 min—1955).
- 20-8421 Prepare Through Education (Recruiting)**
Need and demand for specialists to fill technical jobs in society—High school education is a foundation for future careers—Army affords specialist training and career opportunities for high school graduates (16 min—1955).
- 20-8422 The US Medical Team (Medical Recruiting)**
Missions and functions of various departments in the medical service—Vital and humane role played by medical team—Advantages of a medical career in the Army (15 min—1955—Distribution limited to central film libraries in CONUS).
- 20-8442 The Soldier's Hour**
Explains how unit commanders, reenlistment officers, and NCO's should implement an active, workable reenlistment program at the unit level (18 min—1956—Color).
- 20-8504 New Weapons and Equipment for the Army**
Improved and new designs for air, ground, and amphibious operations, communication, fire-power, radar and guided missiles, and pro-

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protective and fighting equipment for individual soldier (26 min—1955—Distribution in CONUS and overseas).

20-8508 Atomic Tests—1952-1953 (U)

(1956—From Armed Forces Special Weapons Project 30-26—Distribution limited to: CF&EE's in CONUS; major OS commands; Service Schools of the Combat Arms—Film is classified SECRET-RESTRICTED DATA.)

20-8563 Safe Clothing

Presents with humor the hazards of wearing the wrong clothing on a machinist's job (7 min—1955—Commercial Adaptation).

20-8587 Devil Take Us (Motor Vehicle Safety)

Dramatizes driving hazards—Traffic jams, speeding, intoxication, lack of concentration, personality immaturity—Stress on accident prevention (21 min—1956—Commercial Adaptation—Distribution limited to Central Film and Equipment Exchanges in CONUS and overseas).

20-8591 The Whites of Their Eyes

A US Army reserve film, narrated by Edward R. Murrow on the theme of strength in reserve as power against potential enemy (26 min—1956—Distributed in CONUS only).

20-8631 Motor March Discipline—RASC

Normal Column, Dispersed Column, and Packet Methods of motor march in daylight—Types of movement at night—Details of move using Packet Method (43 min—1956—From British Film C 1099).

20-8635 Dollars and Sense—The Army Financial Management Plan

Cost of performance budget—Consumer funding—Stock fund—Industrial fund—Integrated accounting—Financial property accounting—Internal audit (34 min—1956).

20-8668 Traditions and Achievements of the Army

Reviews the role of the Army throughout the history of the nation—Emphasizes the role of the modern soldier (26 min—1957—Color).

20-8714 All Present or Accounted for (Reenlistment)

Designed for unit commanders—Shows how the proper discharge of leadership responsibilities "sells" reenlistment (20 min—1956—Color).

20-8717 Borrowed Power

Deals with the problem of reckless driving, developing the theme that a good driving attitude is essential for safety on the road (17 min—1956—Commercial Adaptation).

20-8748 Approach to Land—GCA

Components of Ground Control Approach (GCA) ground installations—Use of equipment by radar controllers—Operation of radar scopes and standard phraseology used in a typical GCA approach (25 min—1957—Commercial Adaptation—Distribution to Central Film and Equipment Exchanges in CONUS and to film exchanges supporting service schools concerned).

20-8749 Approach to Land—ILS

Operation of ground installations and aircraft instrumentation for short range final approach and landing aid ILS (instrument let-down system)—How ILS is used during a typical approach—(25

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min—1957—Commercial Adaptation—Distribution to Central Film and Equipment Exchanges in CONUS and to film exchanges supporting service schools concerned).

20-8772 Before the Blast

Depicts the procedures for safe handling of explosives as: Transporting, storing, preparations before and after detonating explosives (12 min—1957—Color—Commercial Adaptation).

20-8773 Ladders, Scaffolds, and Floor Operings

Defines safety requirements for materials, tools, equipment, and procedure with regard to construction jobs—Stresses importance of safe habits on the job (9 min—1958—Color—Commercial Adaptation).

20-8774 Good Housekeeping for Men Only

Defines hazards of poor housekeeping on construction jobs, and outlines the good housekeeping rules of safety (13 min—1957—Color).

20-8775 Don't Drop Your Guard

Concerns industrial safety primarily with regards to proper use of machine guards—Stresses safety on the job as a personal responsibility (10 min—1957—Color).

20-8776 Stay Alert Stay Alive (Safety)

Narrated by Lowell Thomas. Depicts a series of on-the-job accidents in a manufacturing plant—Stresses the need for a good safety program (13 min—1957—Commercial Adaptation).

20-8777 One to a Customer (Safety)

Stresses the need and proper use of personal protective equipment for safety of workers in industry (10 min—1957—Commercial Adaptation).

20-8778 Stop Them Before They Start (Fire Prevention)

A fire prevention demonstration—How fires are started by gasoline vapors, electricity, dust, chemicals and Christmas tree decorations (15 min—1957—Commercial Adaptation).

20-8779 Live and Let Live

Discusses common causes for car accidents and rules for safety on the road—Emphasizes care, courtesy, common sense, and alertness for safety (11 min—1958—Commercial Adaptation).

20-8780 Look Who's Driving

How emotional immaturities cause driving hazards on the road—Emphasizes mature attitudes for safe driving (8 min—1957—Color—Commercial Adaptation—Distribution is limited to one print to each Central Film and Equipment Exchange in CONUS and Overseas for loan to interested units).

20-8781 Ski Tips

Rules for safe skiing are discussed by Lowell Thomas—Physical condition, choice and handling of equipment, controlled skiing, rules on the ski trail, and cooperation with ski patrol (23 min—1958—Color—Commercial Adaptation—Distribution limited to 1st, 5th, and 6th Army Central Film and Equipment Exchanges, USASEUR, USARAL, and EUSA).

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20-8783 Paddle a Safe Canoe

Boarding, disembarking, paddling position and strokes—What to do when canoe capsizes—Life preserver and standard equipment requirements—Handling canoe (15 min—1957—Color—Commercial Adaptation).

20-8784 Aim for Safety (Hunting Safety)

Protective clothing—Safe movement in wooded area and proper crossing of barbed wire fences—Correct handling of gun and ammunition—Correct hunting and shooting techniques—Proper methods of carrying killed game (16 min—1958—Color—Commercial Adaptation—Distribution limited to one 16mm print to each Central Film and Equipment Exchange in CONUS and OS—No additional prints available on reorder).

20-8844 Knowing's Not Enough (Safety)

A test car accident portrays the hazards of impatience, impulsiveness, impunity and improvisation—Stresses safety awareness in job performance (28 min—1957—Color—Commercial Adaptation—Distributed to Central Film and Equipment Exchanges in CONUS and Overseas).

20-8898 Flammable Liquid Fire Safety

Discusses the hazards, precautions, and methods of extinguishing flammable liquid fires using hand and automatic extinguishing devices—Characteristics and causes of explosions are defined, giving attention to fire safeguards—Importance of automatic sprinklers is underscored (20 min—1958—Color).

20-8900 Safe Driving in Europe

Driving rules applicable to England, France, and Germany—Procedure for obtaining driving licenses in Europe—Customs and rules of the road—Dangers and safety requirements of winter driving—Courtesy to other drivers and pedestrians (15 min—1958—Distribution limited to one 16mm print to Central Film and Equipment Exchanges in CONUS, Army Terminals, and USAREUR—Air Force Film SFP 528).

20-8935 Dehumidified Storage

Fundamentals and advantages as applied to storage of materials for national security—Cost of installing and maintaining storage system—Conversion of conventional warehouse to dehumidified installation—Short and long range storage—Periodic inspections (15 min—1958—Distribution to Army Film and Equipment Exchanges in CONUS—Navy Film MN 8077).

20-8944 Big Picture, The—Operation Lifeline

Role of logistics in military operations—Organization, methods, and advantages of the modernized military supply system based on our defense commitments and new pentomic concept of military tactics—Report of 2d Hoover Commission Investigation (28 min—1958).

20-8948 Defensive Driving Series—How to Follow Safely

Reviews six traffic situations in which car collisions occur—Vehicle ahead, behind, from opposite direction, approaching at an angle, passing you, and you passing vehicle—How to prevent accident with car ahead—Two elements involved in safe stopping distance; reaction dis-

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tance and braking distance (10 min—1958—Distribution to Central Film and Equipment Exchanges in CONUS and OS—No additional prints available—Commercial Adaptation).

20-8949 Defensive Driving Series—Don't Be a Sitting Duck

How to prevent an accident with vehicle behind—Make smooth gradual stops—Give advance signals—Keep driver behind from riding your tail (10 min—1958—Distribution to Central Film and Equipment Exchanges in CONUS and OS—No additional prints available—Commercial Adaptation).

20-8950 Defensive Driving Series—Stay Right Stay Safe

How to prevent accidents with approaching vehicles—Stay to right of centerline—Decrease speed—Proper entry and rounding of curves—Give right-of-way when necessary (10 min—1958—Distribution to Central Film and Equipment Exchanges in CONUS and OS—No additional prints available—Commercial Adaptation).

20-8951 Defensive Driving Series—What Right-of-Way?

How to prevent accidents with vehicles approaching at an angle—Proper approach to intersections—Check traffic and assume right-of-way when safe (10 min—1958—Distribution to Central Film and Equipment Exchanges in CONUS and OS—No additional prints available—Commercial Adaptation).

20-8952 Defensive Driving Series—The Art of Being Passed

How to prevent an accident when another vehicle overtakes and passes you—Slow down and let him pass—How to change lanes—Make turns and pull out from parking zone (10 min—1958—Distribution to Central Film and Equipment Exchanges in CONUS and OS—No additional prints available—Commercial Adaptation).

20-8953 Defensive Driving Series—How to Pass Safely

How to overtake and pass a vehicle safely—Make sure you have a clear passing distance—Warn driver ahead—Pass quickly—When to pull back to right lane after your vehicle has passed (10 min—1958—Distribution to Central Film and Equipment Exchanges in CONUS and OS—No additional prints available—Commercial Adaptation).

20-8997 A Sharper Sword and Stronger Shield (U)

(43 min—1959—Film is classified SECRET—SPECIAL HANDLING REQUIRED—Not releasable to Foreign Nationals—Exceptions: none—Distributed to CF&EEs and Service Schools in CONUS and OS).

20-9005 Mark 31 Warhead, Nike-Hercules Application (U)

(22 min—1958—Color—This film is classified SECRET-RESTRICTED DATA—Not releasable to Foreign Nationals, except as provided in agreements negotiated pursuant to Section 144 of the Atomic Energy Act of 1954).

20-9007 The Big Picture—The Fire Brigade (Pentomic Airborne Division)

Story of airborne concept is traced from World War II to present—Advantages of pentomic organization over old triangular structure—Action of Pentomic Airborne Division in combat operation (28 min—1958—Adaptation to TV 401—Film and equipment exchanges are not to use this film for Television Exhibition under any circumstances, but can contact Office of the Chief of Information, Washington, D.C.).

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MF No.

20-9024 Giving a Shop Demonstration

How a shop teacher prepares and conducts demonstration: stretching metal around bending blocks to form flanged tray: stress of proper provisions, tools, and equipment. (17 min—1960—Distribution to AF&EEs for certain Ordnance installations in CONUS—Navy-MN-188).

20-9030 Tritium and its Detection (U)

(19 min—1959—Color—Film classified SECRET RESTRICTED DATA—Limited number prints distributed to special service schools, USAREUR, USARPAC, USARAL.)

20-9031 Special Weapons Battery Shop Operations

For all modes of MK2 Power supply—battery inspection, charging battery with charging box and with T-128C Test Set, battery test, recharging battery, battery discharging, cell test and replacing (15 min—1959—Color—FOR OFFICIAL USE ONLY—Distributed to special service schools in CONUS and OS).

20-9040 A Sharper Sword and Stronger Shield

Modernization of army for defense—new pentagonal organization and flexible structure—new tactical concepts—new weapons and equipment (39 min—1959—Distributed to CF&EEs in CONUS, USARAL, USARPAC, and USARFANT for TORC and USAR).

20-9040a A Sharper Sword and Stronger Shield

Introduced by Major General H. P. Storke, Chief of Information, DA—New pentomic army—Organization and structure—tactical concepts—New weapons and equipment—(43 min—1959).

20-9042 Effects of Nuclear Weapons—Part V—Target Considerations (U)

This film is classified CONFIDENTIAL (30 min—1959—Color).

20-9053 Atomic Demolition Munition Preparation, Assembly and Emplacement (U)

(21 min—1959—Color—AFSWP 30-90—Technical Training Film Bulletin No. 72A—Film is classified SECRET RESTRICTED DATA—Limited number of prints distributed to service schools concerned, USAREUR and USARPAC.)

20-9054 Bomb to Warhead Conversion—Mark 7, Model 5—E Bomb to Mark 7, Model 1—E Warhead (U)

(9 min—1959—Color—AFSWP 30-91, FB No. 72B—Film classified SECRET RESTRICTED DATA—Limited number of prints distributed to service schools concerned, USAREUR and USARPAC.)

20-9096 Title Classified

(17 min—1959—Color—Film classified SECRET RESTRICTED DATA—AFSWP 30-81—Technical Training Film Bulletin No. 52—Distribution limited to designated service schools, USAREUR, and USARPAC.)

20-9097 The MC-1A Radar-Storage Inspection (U)

(14 min—1959—Color—AFSWP 30-99 Technical Training FB No. 54—Film classified SECRET—formerly RESDAT—Handle as RESDAT in foreign dissemination; Section 144B, Atomic Energy Act, 1954—Distributed to service schools, USAREUR and USARPAC.)

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MF No.

- 20-9098 The Mark 40 Model O Warhead (U)**
(18 min—1959—Color—AFSWP 30-98-Technical Training FB No. 77—Film classified SECRET RESTRICTED DATA—distributed to service schools concerned and USAREUR and USARPAC.)
- 20-9106 Look Toward Tomorrow (Recruitment)**
For recruiting civilian scientists and engineers for Army civil service. Research facilities and activities in the 5 technical services of the Army—Role of the scientist and engineer in forging progress—Benefits of civil service (29 min—1960—Color).
- 20-9122 Storage Inspection of the XM57EI (U)**
(17 min—1959—Color—Film classified SECRET RESTRICTED DATA—AFSWP 20-100 Technical Training FB No. 49—Distribution limited to special installations designated by DCSOPS.)
- 20-9163 Zippers (U)**
(16 min—1960—Color—AFSWP 30-101 Technical Training FB No. 21—Film is classified SECRET RESTRICTED DATA—Distribution limited to special Ordnance Installations and Army Service Schools designated by DCSOPS1, DA—No additional prints available on reorder.)
- 20-9164 Preparation for Assembly of an HJ-XM29 WHS (U)**
(18 min—1960—Color—AFSWP 30-57C Technical Training Film Bulletin No. 28C—Film Classified SECRET RESTRICTED DATA—Distribution limited to special Ordnance installations and Army Service Schools designated by DCSOPS, DA—No additional prints available on reorder.)
- 20-9165 Power Supplies**
Film classified SECRET RESTRICTED DATA—Distribution limited to special Ordnance installations and Army Service Schools designated by DCSOPS, DA—No additional prints available on reorder (26 min—1960—Color—AFSWP 30-56A Technical Training FB No. 21A).
- 20-9221 CBS Reports: Biography of A Missile**
An account of Project 16 narrated by Edward R. Murrow—Development, construction, capability, launching and firing of Juno II missile, October 1959 (60 min—1960—Distribution to CF&EEs in CONUS, USAREUR, USARCARIB and USARPAC—Mounted on two (2) 16-mm reels—Commercial Adaptation).
- 20-9246 The Challenge—A Story About Crimes of Carelessness**
Dangers, causes, and prevention of fires in the home, on the road, and in industrial plants (11 min—1960—Color—Distributed to CF&EEs—No additional prints available—Commercial Adaptation).
- 20-9260 Radars—History, Development and Improvement (U)**
Film is SECRET RESTRICTED DATA—Distribution limited to one each 16-mm print to Film and Equipment Exchanges serving special Schools designated by DCSOPS, DA (23 min—1960—Color—DASA 30-104-59—Technical Training FB No. 83).
- 20-9262 Communication for Safety Series**
This series consists of 4 films, MF 20-9262 A, B, C, and D—Designed for use by foremen and supervisors in implementing effective safety programs (1960—Limited distribution to CF&EEs—No additional prints available on reorder).

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MF No.

20-9262A Let's Talk About Safety

Shows the importance of talking in supervision; and how safety can be built into every day conversations with workers (10 min—1960—Commercial Adaptation).

20-9262B Take a Talkie-Break

Shows how the supervisor can discuss safety informally, but effectively, with small groups of workers (10 min—1960—Commercial Adaptation).

20-9262C Setting 'Em Straight

Shows how the supervisor can call attention to and correct unsafe acts (10 min—1960—Commercial Adaptation).

20-9262D Let Everybody Help

Shows how the supervisor can get his people to participate in the safety program (10 min—1960—Commercial Adaptation).

20-9276 The Rival World—Insect Control

How insects attack humans and crops; modern techniques and equipment used for insect control; work of the world health organization in warding off enemy insects (27 min—1960—Color—1 each print distributed to CF&EEs in CONUS and Fort Devens—No additional prints available—Commercial Adaptation).

20-9281 Operation Abolition

Communists incited demonstrations during May 1960 hearings held by House Un-American Activities Committee in San Francisco, California (43 min—1960—Limited distribution to CF&EEs and designated service schools in CONUS and USARCARIB—Supplementary distribution to USARPAC and USARAL—Commercial Adaptation).

20-9297 Secretary of the Army Brucker's Speech on the Army Information Program

Secretary Wilber M. Brucker addresses Army personnel on the objectives, progress, and problems of the army information program (10 min—1960—Limited distribution to AF&EEs in CONUS).

21-8424 Accent on Learning

Acquaints instructors with audiovisual techniques used in the areas of fine arts, engineering, drawing, political science, geography, accounting, anatomy, and industrial engineering—Application of filmstrips, lantern slides, charts, models lecture, demonstration, the blackboard, motion pictures, and field experience (30 min—1955—Commercial Adaptation).

21-8433 Easy Out (Effects of Dishonorable Discharge)

Harmful results of a bad conduct discharge from service—Effects of a bad service record in civilian life (21 min—1955—From Navy Film MN 7904).

21-8505 Notebook Warrior

This kinescope adaptation relates the story of a young musician's conflict in adapting to his Army environment (53 min—1956—Distribution limited to Central Film and Equipment Exchanges in CONUS, USAREUR, and USAFFE—Commercial Adaptation).

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MF No.

21-8933 Launching the Explorer

Story of historic launching of the first U.S. earth satellite, "Explorer I," on 31 January 1958, at Cape Canaveral, Florida, by the U.S. Army—Depicts the preliminary, intermediate, and final phases of the project—Forerunner of unlimited future in space (10 min—1958).

21-9094 Report to the Army

General Bruce C. Clarke defines the aims and mission of CONARC, in training, arming, and equipping the Army for military strength and national defense (19 min—1960—Limited number of prints distributed to CF&EEs in CONUS).

22-8025 The Way Ahead

The story of a British Infantry platoon from its birth in a training depot to its baptism of fire (118 min—1952—Withdrawn from overseas commands—From British Army Film BC 5406).

28-8250 The Sprints

Fundamentals of sprinting mechanics centering around the 100- and 220-yard dashes—Impact style and natural stretch stride—Synchronization of leg and arm action—Starting technique—Physical fitness exercises—Importance of smooth coordinated action (21 min—1954—Commercial Adaptation).

28-8251 The Hurdles

Fundamentals of basic hurdling styles—Adaptation of styles to varying physiques—Rear hip and leg motion—Body balance—Correct clearance—Physical fitness exercises (11 min—1954—Commercial Adaptation).

28-8252 Broad Jump

Fundamentals of the broad jump—The one, two, and three stride styles—Speed control—Timing and coordination—Physical fitness exercises (11 min—1954—Commercial Adaptation).

28-8253 High Jump

Fundamentals of western roll jump and straddle jump—Body lean and reverse—Proper approach—Coordination of arm and leg action—Special physical fitness and exercises for agility (11 min—1954—Commercial Adaptation).

28-8254 Shot Put

Importance of rhythm—Control of tension—Finger and hand grip—Finger and wrist snap—Foot position—Exercises to develop agility and speed (11 min—1954—Commercial Adaptation).

28-8255 Pole Vault

Basic vaulting principles—Fundamentals of western and eastern techniques—Running action—Proper grip—Selection of pole—Vaulting action—Exercises to develop physical fitness and agility (11 min—1954—Commercial Adaptation).

28-8256 Discus

Demonstrating the slow strong and the lightweight techniques of discus throwing—Principles of centrifugal force, proper grips, pivots, finger roll, and heel of thumb pressure (11 min—1954—Commercial Adaptation).

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MF No.

28-8257 Javelin

Javelin throwing techniques—Four-stage catapult throw—Preliminary run—Handgrip—Concluding stride—Throwing stance (11 min—1954—Commercial Adaptation).

28-8258 The Relays

Basic skills of running and passing in the relays—Proper pass for the right event—Visual pass—Blind pass—Right and left exchange—Relay starts (11 min—1954—Commercial Adaptation).

28-8259 The Middle Distances

Proper sprinting techniques of middle distance running—Ball-of-the-foot running—Automatic stride—Pendulum and bicycle strides (11 min—1954—Commercial Adaptation.)

28-8266 The Distances

Proper style in running distances—Development of speed and stamina—Controlled tension—Forward knee reflex—Correct automatic stride (11 min—1954—Commercial Adaptation).

30-7964 Classified

(63 min—1953—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G-2, DA—Film is classified SECRET.)

30-7965 Classified

(14 min—1953—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G-2, DA—Film is classified CONFIDENTIAL.)

30-7966 Classified

(9 min—1953—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G-2, SA—Film is classified CONFIDENTIAL.)

30-7967 Classified

(20 min—1953—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G-2, DA—Film is classified CONFIDENTIAL.)

30-7968 Classified

(13 min—1953—Exhibition limited to CIC personnel on a need-to-know basis ONLY. Other showings must be authorized by ACofS G-2, DA—Film is classified CONFIDENTIAL.)

30-7969 Classified

(9 min—1903—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G-2, DA—Film is classified CONFIDENTIAL.)

30-7970 Classified

(19 min—1953—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G-2, DA—Film is classified CONFIDENTIAL.)

30-7971 Classified

(18 min—1954—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G-2, DA—Film is classified SECRET.)

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30-7972 Classified

(8 min—1954—Exhibition limited to CIC personnel on need-to-know basis only. Other showings require authorization by ACofS G-2, DA—Film is classified SECRET.)

30-7973 Classified

(18 min—1954—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G-2, DA—Film is classified SECRET.)

30-7974 Classified

(12 min—1954—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G-2, DA—Film is classified SECRET.)

30-8401 Armies of the World—The Soviet Army—River Crossings

Soviet training film, with dubbed English narration, depicting Soviet river crossing techniques—Emphasis on flexibility, speed, and deception in river crossing operations (30 min—1955—Film Reference).

30-8407 Intelligence in Amphibious Operations (U)

(25 min—Distribution limited to CFLs in CONUS; OS Exchanges and Service Schools of the Combat Arms—Film is classified CONFIDENTIAL.)

30-8408 Armies of the World—The Soviet Army—Reconnaissance

Basic techniques of reconnaissance applied by Soviet Army in combat—Infantry reconnaissance during day and night operations—Soviet reconnaissance-in-force, showing how it is used to test enemy defenses and how it can expand to a full-fledged attack—Emphasis on employment of prescribed techniques for success in battle (25 min—1955—Film Reference).

30-8409 Armies of the World—The Soviet Army—Use of Smoke

A Soviet training film, with dubbed English commentary, explaining the application of smoke in combat operations by the Soviet Army—Typical situations where smoke is used for purposes of deception and concealment (19 min—1955—Film Reference).

30-8423 Armies of the World—The Soviet Army—Artillery

Characteristics and use of major Soviet artillery weapons, showing mortars, guns, antitank weapons, AA weapons, howitzers, and captured German weapons—History and development of weapons for use in combat—Comparison with American models—Continued research, development, and production of weapons (25 min—1955—Film Reference).

30-8427 Armies of the World—The Soviet Army—Armor

History and development of Soviet armor showing early and advanced models—Characteristics and tactical uses of Soviet armored vehicles—Research and development toward greater mobility and range of Soviet mechanized equipment (25 min—1955—Film Reference).

30-8432 Armies of the World—Soviet Partners in the Orient

A Soviet training film with dubbed English commentary describing how communism came to dominate the Orient and her people—Political history of China since 1911—Showing how internal disharmony and Soviet sponsorship molded the Red China of today and how Soviet influences are reflected in North Korea and Indochina

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(25 min—1955—Distribution in CONUS and Overseas—Film Reference).

30-8439 Armies of the World—The Soviet Army—Camouflage

Camouflage of men and equipment in wooded areas, on the desert, during winter operations, in rear areas and at the main line of resistance (19 min—1956—Film Reference).

30-8443 Armies of the World—Soviet European Satellites

Background of events that led to Soviet domination over her European satellites—Use of Soviet propaganda and deception—How political capitulation affected national economic, social, and military aspects—Current trend in satellite countries toward eventual active resistance for national freedom (33 min—1955—Film Reference).

30-8616 Armies of the World—Soviet Partisan Warfare

Growth and development of partisan organization—Activity in WW II—Expansion after WW II—Role in Korea, Tibet, and Indochina (34 min—1956—Film Reference).

30-8633 Armies of the World—The Soviet Army—Summer Training Cycle

Military and political instructions of Soviet soldier—Basic drills, unit exercises, maneuvers, weapons, equipments—Army uniforms, insignia, and decorations (29 min—1957—Color—Film Reference).

30-8656 Strategic Intelligence School—Area Film Studies—Number 1—USSR

A study of the geography, ethnic groups, social, economic and political aspects—Evaluation of USSR strengths and weaknesses (26 min—1956—Film Reference).

30-8657 Strategic Intelligence School—Area Film Studies—Number 2—Far East

Study of China, Japan, Korea and Taiwan—Their political significance on the international scene (30 min—1956—Film Reference).

30-8670 Eyes of the Services

Use and capabilities of photographic intelligence in combat from Civil War days to the present—Advanced methods and equipments in use today (23 min—1957—Color—From Navy Film MN 9267—Distribution to Central Film and Equipment Exchanges in CONUS and overseas for loan to Intelligence personnel concerned).

30-8672 Strategic Intelligence School—Area Film Studies—Number 3—Eastern Europe

Study of Eastern European Soviet satellites since WW II—Rise of Communist influence and its effects in rural and urban life (27 min—1956—Film Reference).

30-8706 The Case of Comrade "T"

Experiences of a Communist agent in several industrial plants—Stress on awareness of security by individual worker (23 min—1956—Color—Commercial Adaptation—Distribution to Central Film and Equipment Exchanges in CONUS).

30-8716 Strategic Intelligence School—Area Film Studies—Number 5—Middle East

Study of Turkey, Iran, Iraq, Israel, Syria, Lebanon, Jordan, Egypt, Saudi-Arabia, Yemen, and the fringe lands of the Arabian Peninsula (38 min—1957—Supplementary distribution of additional prints to Army Film and Equipment Exchanges in CONUS and overseas).

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30-8763 Strategic Intelligence School—Area Film Studies—Number 7—South Asia

Study of South Asia, covering its geography, primary economic and political aspects, and major problems facing the nations within it—Relative importance to other world powers because of strategic trade routes within its boundaries—Factors that impede economic development and status of each country (36 min—1958—Film Reference).

30-8771 Strategic Intelligence School—Area Film Studies—Number 6—Southeast Asia

Appraisal of the Phillipines, Indonesia, Burma, Thailand, Indochina, and Malaya in terms of economic, political and military factors (33 min—1957—Film Reference).

30-8865 Free Europe—Part I—The Lands and the People

A study of Great Britain, France, and West Germany since World War II—National temperament, government, scientific and economic progress, political status, internal problems, future prospects, and significance on the international scene (31 min—1959—Film Reference).

30-8866 Free Europe—Part II—The Lands and the People

A study of Belgium, the Netherlands, Luxembourg, Norway, Denmark, Sweden, Finland, Spain, Portugal, Italy, Greece, Switzerland, and Austria—Each land is evaluated in terms of physical location, historical background, ethnic composition of people, government, economy, internal problems, and future prospects (30 min—1959—Film Reference).

30-8901 Strategic Intelligence School—Area Film Studies—Number 9—Latin America

Outlines the area in terms of geography, historical background, ethnic composition of the people, economic and political aspects, and strategic importance to the United States (41 min—1958—Film Reference—Distribution to Central Film and Equipment Exchanges in CONUS and Service Schools).

30-8993 Free Europe—Part III—Steps Toward Unity

History of European unification—Steps toward unity since World War II—Objectives of the different pacts—Evaluation of the progress made and the obstacles and difficulties still remaining (33 min—1959—Film Reference).

30-9209 Security Risk

TV Drama on role of Counter Intelligence Corps in providing protection against espionage and subversion in matters of national security (60 min—1960—Commercial adaptation—Mounted on two 16 mm reels—Limited distribution to CF&EEs in CONUS and OS—No additional prints available on reorder).

30-9257 The Daily Enemy—Industrial Security

Shows how loyal personnel working on classified Defense contracts can jeopardize security by playing into the hands of "The Daily Enemy," i.e. carelessness (14 min—1960—Color—Distributed to CF&EEs for loan to defense contractors and other industrial organizations).

30-9259 The Hollow Coin (Industrial Security)

Documents capture and trial of Soviet spy, Col. Rudolf I. Abel;

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objectives of Department of Defense Security Program, and role of individual worker to effect security (15 min—1960—Distributed to CF&EEs in CONUS and OS).

31-912 Sky Blitz

Captured German film of Nazi paratroopers taking Dutch bridge at Moeredijk (25 min—1944—Film Reference).

31-1044 Air Operation, Lae and Salamaua

Ground and air operations in Lae, Salamaua section, New Guinea—Evacuation of wounded—Americans relieving Aussies—Difficult terrain—Concentrated air power—Planning for and attack with B-26's (32 min—1944—Requires special authorization for distribution—From Air Force Film AFC 410).

31-7724 Exercise Sweetbriar

Combined American and Canadian defense tactics against "aggressor" invaders of Alaska and Canada—Aggressors routed, forced to abandon attack, and driven off continent—Advantages of using air power for logistics, tactics, and strategy in cold weather operations (29 min—1950).

31-7727 Hit the Beach

Operation MIKI—Visualization of joint Army-Navy maneuvers in Pacific—Preparation and subsequent landings—Operation MIKI (Hawaiian translation for readiness)—Landing men and equipment—Necessity of high-level planning (18 min—1950).

31-7977 Winter Movement on Skis

Winter movement techniques for combat soldiers on skis—When and how to effect the three types of movements—Position of rifle during movements—Individual protection against cold (18 min—1953).

31-7978 Firing Positions in the Winter

How the combat soldier on skis assumes the prone, kneeling, and standing ready positions for firing—Methods of providing for cover—Typical trenches for various positions—Camouflage—Rifle support—Adequate protection (13 min—1953).

31-8290 Exercise Ski Jump

Cold weather operations, in north temperate, subarctic regions, of a tactical unit—Equipment and techniques for personal and tactical survival—Survival in mountain operations (25 min—1954).

33-7914 Psychological Warfare—A Combat Weapon in Korea

Techniques and objectives of psychological warfare—Prominent role in Korea—Strategic propaganda a tactical science—Phases of army psychological propaganda program—Schools indoctrinate personnel in nature, methods, and techniques—Invaluable support to fighting strength of combat troops (17 min—1953).

33-8204 Photolithography—I—How to Make a Good Impression

Three major methods of printing (lithography, letterpress, and gravure)—Emphasis on offset lithography process—Details of duplicating black and white and color originals by means of direct and photo-offset lithography (25 min—1955—Color—Commercial Adaptation).

33-8205 Photolithography—II—A Better Run for Your Money

Effectiveness of printed advertising and its salesmanship value—Ad-

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vantages of offset lithography over other forms of printing in advertising (20 min—1955—Color—Commercial Adaptation).

35-945 We Serve

Problems of the British Auxiliary Territorial Service officer and her responsibilities (30 min—1944—Film Reference—From British Film BC 285).

35-7858 No Greater Heritage

Morale and the fine heritage of the Women's Army Corps (21 min—1951).

38-7917 Yuma Test Station Facilities

Showing the important role this Arizona station plays in the research and development program—Many branches of the army test men, equipment, and operations here under typical desert conditions (17 min—1953—Color).

38-7928 Fireball Phenomena at Bikini

Depicting, by use of animation, the physical and chemical characteristics of the airburst at Bikini (5 min—1953).

38-7951 Design for Survival

Conservation of raw materials in designing, planning, manufacturing, and purchasing military equipment—To prevent shortages and subsequent production cutbacks, these suggested conservation methods should be employed: keep design simple; avoid overdesign; maintain standardization; use alternate materials; maintain equipment; collect and use scrap materials (23 min—1953—Film Reference).

38-8007 Quality Control Through Statistical Methods Process Control

Precision roller bearings used as an example of quality control through statistical methods—Measurement of several roller bearings from each batch of 100—Then segregation into groups according to amount of tolerance from the exact size plus or minus—Quantities then plotted on graph to indicate whether finished product being turned out falls within acceptable quality standards—Typical steps taken to improve quality standards where necessary—Steps taken to increase quantity if quality standards are higher than necessary at the expense of quantity—Steady efficient production in accordance with specifications assured by statistical quality control measures (13 min—1952—From Navy Film MN 6621-A).

38-8008 Quality Control Through Statistical Methods—Acceptance Sampling

Statistical quality-sampling methods for products and materials procured by armed forces contractors—Cheapness and efficiency of acceptance sampling—Plotting of results of sampling tests on operating characteristic curve which serves to predict the magnitude and frequency of variations from specification standards—Sequential sampling technique (17 min—1952—From Navy Film MN 5621-B).

38-8441 Peelable Plastic Packaging

Characteristics and uses of butyrate peelable plastic material in packaging and storage of critical parts—Manual and mechanical methods of application (15 min—1955).

38-8512 The Engineered Performance Standards Program

Purpose—How it works—Effectiveness—Specialized training course for work analysts—On-the-job experience—Assignments to study specific work operations—EPS Program in effect (16 min—1955—

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Distribution limited to film libraries servicing Signal Corps agencies specified by OCSigO—From Navy Film MN 7837).

38-8554 The Army Program System

General concept and fundamentals of the Army Program System—Need, responsibilities, primary programs and their use—Three elements of the system (development, execution, and review and analysis) (13 min—1955—Film Reference—Distribution in CONUS and overseas).

38-8555 The Army Program System—Development “Planning What to Do”

Channels and procedures in the development phase of programming—Actions taken after assignment of mission to the Army—Establishment of required programs—Preparation of program documents and their use at major commands (13 min—1955—Film Reference—Distribution in CONUS and overseas).

38-8556 The Army Program System—Execution “Doing the Job”

Procedures used to carry out jobs outlined in program development—Setting up and time-phasing of summary and operating schedules for programs at command level—Securing resources—Responsibilities of lower commands (11 min—1955—Film Reference—Distribution in CONUS and overseas).

38-8557 The Army Program System—Review and Analysis “Checking on the Results”

Explanation of review and analysis flow—Methods of analysis—Examples of an analysis of quantity, quality, economy, efficiency, and substandard work—Summary and analysis—Use of results (10 min—1955—Film Reference—Distribution in CONUS and overseas).

40-926 Price of Rendova

Combat operations in Rendova by American troops—Establishing beachhead—Invading jungle—Japanese dive bombers in a counter-attack (11 min—1954—Film Reference).

40-1002 Desert Victory

History of the African campaign, WW II, British version—Rommel's forces driven across North Africa by British 8th Army (63 min—1944—Film Reference—Withdrawn from oversea commands—From British Film BC 7525).

40-1008 War Department Report

Report on the Army in WW II, as of 1944 (47 min—1944—Film Reference).

40-1009 Battle of Midway

Activities at and around Midway Island just before, during, and after the Battle of Midway (20 min—1943—Color).

40-1041 Attack—The Battle for New Britain

Attacks on Arawe and Cape Gloucester on New Britain—From plan of attack to final victory (47 min—1944).

40-1043 The Eve of Battle

Activity on D-Day-minus 1—Eve before forces of US hit beaches of Normandy (20 min—1944—Withdrawn from oversea commands—From British Film BC 7559).

40-1128 Action at Anguar

Story of the 81st Infantry Division (27 min—1945).

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40-1211 True Glory

Invasion of Europe and Victory over Nazis—Entire operation (83 min—1945—Withdrawn from all types of public exhibition).

40-1212 Fury in the Pacific

Amphibious assault of American troops in the Battles of Peleliu and Anguar (20 min—1945—From Navy Film MN 9045).

40-1336 Air Siege

Air attacks on Ploesti oil fields by the 15th Air Force—Demolition of refineries by 19 August 1944 (21 min—1947—From Air Force Film SFP 175).

40-7534 The Last Bomb

Bomber and fighter operations in Far eastern area—Dropping first atomic bomb (21 min—1949—Color—From Air Force Film SFP 193).

40-7884 United Nations Campaign in Northeast Korea

Relating progress of UN forces after their liberation of Seoul—Amphibious landings at Wonsan and Iwon—Capture of Pyongyang—UN forces weakened—Abandonment of Hungnam, largest amphibious evacuation in military history, completed on Christmas Eve, 1950 (25 min—1952—Distribution limited to ZI).

44-7556 NIKE (U)

(58 min—1949—Limited Distribution—Printing discontinued, alternate film MF 9-8175 may be used—Further distribution must be authorized by USCONARC—Film is classified CONFIDENTIAL).

44-8062 NIKE System Field Test (U)

(7 min—1952—Color—Limited Distribution—Printing discontinued, alternate film MF 9-8175 may be used—Film is classified CONFIDENTIAL.)

44-8247 The Skysweeper—Emplacement and March Order

Medium range AA gun mounted on bogies and towed by a prime mover—Nine-man gun section demonstrates the nine steps for emplacement of weapon and the nine steps for march order (14 min—1954).

44-8263 Guided Missiles of the Armed Forces (U)

(14 min—1954—Color—Distribution limited to CFL's in CONUS—From Navy Film MN 9191-C—Film is classified CONFIDENTIAL.)

44-8406 Visual Problems Induced by Supersonic Speeds

Discussion of complexity of visual problems of ground observers and pilots in relation to aeromedical, engineering and tactical aspects—Factors affecting observation and identification of supersonic aircraft by ground observers and pilots—Application of electronic devices, such as radar, in solving observer's problem—Future role of such devices is stressed (47 min—1955—Color—Distribution limited to one print for each Central Film Library and exchanges in CONUS and overseas.)

44-8852 NIKE—For Defense of America

The story of the development of the NIKE missile, in 1945, by Bell Telephone Laboratories and Douglas Aircraft Company—Reviews features and capabilities of NIKE, and illustrates the operation of a NIKE Battery under simulated tactical conditions (13 min—1958—Color—Distribution to Army Film and Equipment Exchanges in CONUS).

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45-1278 Hell for Leather

History of the 1st Cavalry Division—Horses used in combat until 1943—Hardships of jungle fighting—First to enter Leyte and then Tokyo (9 min—1946).

45-1279 The Fighting First (Pride of Outfit Film)

The 1st Infantry Division's eight campaigns and three invasions during WW II—Combat operations during these engagements—Attacks and counterattacks on foot, in trucks, and in assault boats (13 min—1946).

45-1295 Operation Thunderbolt

Picked men trained for highly coordinated unit combining speed and striking power—The US constabulary forces—Purpose and methods of operation (14 min—1947).

45-1426 The 82d Airborne Division (Pride of Outfit Film)

History of 82d Airborne Division from WW I to and including WW II—Division in combat—Sicily, Salerno, Anzio, Normandy, Holland, and the Battle of the Bulge (21 min—1948).

45-7533 Seventh Infantry Division (Pride of Outfit Film)

History of four major campaigns fought by 7th Infantry Division—Attu, Leyte, Kwajalein, and Okinawa—Early training in Calif—Occupation duties in Korea (23 min—1949).

45-7545 The Inauguration of President Truman

Inauguration and highlights of inaugural address (18 min—1949).

45-7552 Pass in Review

Events in airborne, amphibious, and cold weather training—European and Pacific occupation—Army athletic events—Army news events—Recent technical developments—Strength in manpower and armament of infantry division—Need to maintain a strong Army, Navy, and Air Force (11 min—1949).

45-7561 Made in Occupied Japan

Revival of pottery industry in Japan—Processes involved in pottery making—Molding, shaping, baking, decorating, and packing (14 min—1949).

45-7563 Twelve Nations Sign North Atlantic Pact

Signing North Atlantic Pact—Speeches by former Secretary of State Acheson and former President Truman emphasize purpose and benefits of pact—Representatives of each of 12 nations sign pact and make statement (14 min—1949).

45-7591 Assignment Germany

Occupation soldier's job in Germany—Assignments for which men are best qualified—Rehabilitation of German business and industry—Reestablishing German democratic government and reeducating German people (14 min—1949).

45-7596 Nuremberg

War crime trials conducted by Allies at Nuremberg—Flash backs to various crimes against humanity committed by German High Command during WW II (76 min—1949—Can be used only in its entirety.)

45-7705 The Famous Third Army

General Patton's 3d Army advance into the heart of Germany—Strategy—Tactics—Air and logistical support (22 min—1950).

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- 45-7726 This is West Point**
Origin and mission of US Military Academy—Comprehensive view of life of cadet from time of entry to graduation (25 min—1951).
- 45-7744 Edition Tokyo—A Story of the Press in Occupied Japan**
Importance of press in Japan today—Constitution of 1947—New concept of human freedom and personal dignity—Free, respected, and courageous press—Accumulation of news and photographs—Printing processes—Distribution—Similarity of Japanese newspaper techniques to our own (19 min—1950).
- 45-7761 The First Forty Days**
Combat footage of first 40 days of operations in Korea (26 min—1950).
- 45-7805 Hail Alma Mater**
Familiar views of US Military Academy (6 min—1951—Distribution limited to the ZI).
- 45-7814 The 83d Infantry Division in Europe**
Omaha Beach landing—Relieving 101st Airborne—Fighting through hedgerows of Normandy—Taking St. Malo—Surrender of 20,000 Germans in Loire Valley—Battle of the Bulge—Hurling back enemy in the Ardennes—Drive to Elbe River (20 min—1951).
- 45-7844 The Story of MDAP**
Formation of the Atlantic Pact Alliance—Enactment of Mutual Defense Assistance Pact—Contributions by member nations (25 min—1951).
- 45-7912 The Army ROTC, Learn Today, Lead Tomorrow**
ROTC Training advantages—Development of leadership qualities—Participation in civic duties (24 min—1952—Color—Distribution limited to ZI, Hawaii, Alaska, and Puerto Rico).
- 45-7925 Alliance for Peace**
Background events that led to the formation of the North Atlantic Treaty Organization—NATO mission purposes (40 min—1952—Distribution limited to ZI).
- 45-7926 Effective Utilization of Manpower in the US Army**
Problem of effective manpower utilization in the US Army—Scarcity of qualified military and civilian personnel emphasizes need for supervisors to utilize intelligently available manpower—Discussion of army program to combat shortage and to increase efficiency (23 min—1952).
- 45-7945 Helicopter Special Delivery**
How the helicopter has added mobility to the infantry—How river crossings are accomplished with a helicopter company—Helicopter delivery of men, artillery, ammunition, and return loads of wounded (11 min—1953).
- 45-7947 Operation Blue Jay**
Construction aspects of the giant airbase at Thule, Greenland, built with the permission of the Danish government through the joint efforts of US Armed Forces specialists and industrial experts (25 min—1953).
- 45-7950 This is Your Army**
A comprehensive picture of worldwide activities and operations of

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responsibilities of army—Nature and structure—Traditions and spirit—Mission (79 min—1954—Color).

45-8198 The Unseen Army

Definition and documentation of duties and responsibilities of civilian workers in the Ordnance Corps (23 min—1954—Commercial Adaptation).

45-8288 Adjustment to Military Life

Adjustments a trainee is required to make in his transition from civilian to military life—Emphasis on physical and moral standards (18 min—1954—Film Reference).

45-8354 Guided Missiles

Developments in guided missiles—Principles of operation—Tactical use—Specialized training courses at Fort Bliss and at White Sands Proving Grounds—Brief history of development of the forerunner, the rocket (26 min—1954).

45-8355 It's Your America

An American soldier, during his combat career, realizes the greatness of his country and determines to assume his share of the responsibilities of good citizenship upon his return to civilian life (31 min—1954—Film Reference).

45-8438 Letter from a Mother

Report of an American Mother's feelings showing not only her deep affection for her son but an understanding of the role he must play in the defense of his country (10 min—1955).

45-8440 The Soldier's Mission and Responsibilities

Soldier's mission and responsibilities in defense of his country—Training and equipment offered him to meet the highest physical, moral, and mental standards to help prepare himself for battle (13 min—1955).

45-8521 The Making of A West Pointer

Origin and mission of US Military Academy—Its traditions and ceremonies—Comprehensive view of life of cadet from time of entry to graduation—Course of study—Recreational activities (40 min—1955—Color—Distribution in CONUS and overseas).

45-8562 The Steel Ring (AA Defense of US)

Vulnerability of the US to sneak atomic attack—Radar and AAA defense centers composing the complicated defense perimeter known as the "Steel Ring"—Specially trained personnel operating the system (26 min—1955).

45-8568 Concept for Victory—A Message to the Personnel of the US Army by General M. B. Ridgway

General M. B. Ridgway discusses the mission of the Army in war, the vital role of ground forces, and the importance of the ground fighting man (16 min—1955).

45-8573 The Rack

Depicting, in story form, the problems related to the standards of conduct required of military personnel after capture by the enemy (61 min—1955—Distribution in CONUS and overseas—Commercial Adaptation).

45-8575 Field Training for ROTC

Intended for ROTC cadets who are about to attend six-week field

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training course at ROTC summer camps—Depicts life and training at a typical general military science ROTC camp at Fort Benning—Stress on development of quality of leadership (48 min—1956—Color—Film Reference).

45-8586 The Role of the Army

Role and responsibilities of the US Army in defending the security of the nation (25 min—1955).

45-8589 Men 17 to 18½—Your Future and the New Reserve Law

Designed to interest teenage youths in joining Army Reserve—Defines provisions of new Reserve Forces Act of 1955 (12 min—1955—Distribution in CONUS only).

45-8615 Operation Noah

Work of engineers and other services in rehabilitation of Northeastern United States hit by flash floods in the Summer, 1955 (29 min—1956—Distribution in CONUS and overseas).

45-8652 A Look at Your Army

A message from General Maxwell D. Taylor, Army Chief of Staff, on the vital role of the Army and the merits of an Army career (12 min—1956).

45-8694 Take 6

Designed to interest teenage youths in joining the NG—Explains National Guard military training under provision of new Reserve Forces Act of 1955 (11 min—1956).

45-8698 Nike for the Defense of Your Community

Guided tour of typical NIKE installation in Upper Marlboro, Maryland—How it operates to defend the nation's capital (13 min—1956—Distribution to Central Film and Equipment Exchanges in CONUS and Overseas for use by PIOs).

45-8709 The Do It Yourself Peace

Narrated by John Daly—Develops the theme that strength in reserve is the foundation for peace (27 min—1956).

45-8710 A Tale of 2,000 Cities

Narrated by Edward R. Murrow—Traces development of strong American military force since World War II—Develops theme of strength in reserve power against Communism (25 min—1956).

45-8711 Fire Power

Narrated by Edward R. Murrow—Develops the theme of preparedness with trained men and effective firepower as the strength required to maintain the peace (25 min—1956).

45-8712 The Man in Two Places

Narrated by John Cameron Swayze—Develops the theme of strength in reserve as the power for peace (27 min—1956).

45-8713 One If By Land

Narrated by Walter Cronkite—Theme of military preparedness in reserve as the power for peace and survival in case of atomic war (27 min—1956).

45-8798 Our Sons (Recruiting for USAR)

Explains New Reserve Forces Act, outlining the Army Reserve Enlistment Program for men 17 to 18½ and 18 to 26 years of age (26 min—1958—Color).

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45-8936 The Big Picture—The Pentomic Army

The organization of the modern army and major elements of the new tactical concept are discussed—New type nuclear and conventional weapons are demonstrated—New air and ground transportation equipment are shown (28 min—1958—Distribution to Central Film and Equipment Exchanges in CONUS, USARAL, USARPAC, and USARFANT).

45-9025 Fitness for Leadership

Shows the physical education program at United States Military Academy at West Point, designed to develop fitness for leadership—Conditioning exercises, manual of arms, marching, close order drill, athletics, military maneuvers, and leadership training (15 min—1959—Color).

45-9089 World War I—A Documentary of the Role of the U.S.A.

Major events which brought the U.S. into WW I, and the role played by the U.S. in gaining the victory and shaping the peace (28 min—1959—Commercial Adaptation).

45-9090 World War II—Prologue, U.S.A.

Kaleidoscopic events of the stirring period between the end of WW I, in America, Europe and Asia, to the attack on Pearl Harbor on 7 Dec 1941 (28 min—1959—Commercial Adaptation).

45-9500 Snodgrass Task Force

The Nike Hercules operational tests at White Sands in July 1958; tests proved the tactical capability of Nike Hercules against air attack (11 min—1960—Color—Distributed to CF&EEs in CONUS and OS—No additional prints available on reorder).

45-9501 What Goes Up—(Missile Flight Surveillance)

Methods and equipment used at White Sands for missile flight surveillance—Plotting and controlling flight, predicting point of impact, and cutting down "bad" missiles (22 min—1960—Color—For public information use—Distribution limited to 1 print to each CF&EE in CONUS, USARAL, USARPAC, and USAREUR—No further prints available on reorder).

45-9502 Frontier Beyond the Sky

IGY rocket program for upper atmosphere research carried out by U.S. in 1957—Tests conducted with Aerobee, Nike Cagen, and Rocoon Rkt at Ft. Churchill (26 min—1960—Color—For public information use—Distribution limited to 1 print to each CF&EE in CONUS, USARAL, USARPAC, and USAREUR—No further prints available on reorder).

45-9503 Proving Tomorrow's Weapons

Proving of Nike and Corporal missile systems at White Sands Missile Range—Technical and engineering problems and achievements in each of the four stages of testing (28 min—1960—Color—For troop information use—Distribution limited to 1 print to each CF&EE in CONUS, USARAL, USARPAC, and USAREUR—No further prints available on reorder).

45-9505 From Flight to Facts (Missiles)

Equipment and technique used by the Integrated Range Mission at White Sands to record and analyze missile test flight data (14 min—1960—Color—For public information use—Distribution limited to 1

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print to each CF&EE in CONUS, USARAL, USARPAC, and USAREUR—No further prints available on reorder).

45-9506 Fort Churchill—Springboard for Science

The story of the building of the rocket firing base at Fort Churchill, Canada, in 1956 for the purpose of conducting upper air experiments (13 min—1960—Color—For public information use—Distribution limited to 1 print to each CF&EE in CONUS, USARAL, USARPAC, and USAREUR—No further prints available on reorder).

45-9507 Prelude to IGY

Test conducted with upper air research rockets in 1956 to determine readiness for IGY program—Test firings of Aerobee, Nike Cagen, and Rocoon Rockets (11 min—1960—Color—For public information use—Distribution limited to 1 print to each CF&EE in CONUS, USARAL, USARPAC, and USAREUR—No further prints available on reorder).

45-9508 Missile Recovery

Methods and equipment used to search, recover and dispose of missile remains; action of missile recovery team; safety precautions (14 min—1960—Color—For public information use—Distribution limited to 1 print to each CF&EE in CONUS, USARAL, USARPAC, and USAREUR—No further prints available on reorder).

45-9509 They Major in Missiles—Students in Missile Technology

Study and work experience offered by Cooperative Training Program conducted at WSPG to Engineering students majoring in missile technology at New Mexico U and Texas Western College (15 min—1960—Color—For public information use—Distribution limited to 1 print to each CF&EE in CONUS, USARAL, USARPAC, and USAREUR—No further prints available on reorder).

45-9510 Countdown at White Sands

Organization, function, and facilities of the Integrated Range Mission (IRM); IRM equipment and activities involved in missile testing and development for the three services (25 min—1960—Color—For public information use).

45-9511 Nike-Hercules

Features, capability, and test firing of Nike-Hercules; phases in test firing demonstrated—Fueling, mating booster assembly with missile, launching and firing (4 min—1960—Color—For troop information use—Distribution limited to 1 print to each CF&EE in CONUS, USARAL, USARPAC, and USAREUR—No further prints available on reorder).

45-9512 Corporal

Features and capabilities as long range tactical weapon for heavy fire support; personnel, equipment, and process used in test firing; equipment used to record flight data—For public information use (4 min—1960—Color—Distribution limited to 1 print to each CF&EE in CONUS, USARAL, USARPAC, and USAREUR—No further prints available on reorder).

45-9513 Nike Ajax

Features and capability against flying targets—Missile test activity at Test Center—Missile check, joining to rocket booster, and fueling with propellant (4 min—1960—Color—For public information use—Distribution limited to 1 print to each CF&EE in CONUS, USARAL,

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USARPAC, and USAREUR—No further prints available on reorder).

45-9514 Honest John

Features and capability as close support rocket—Phases of test firing—Rocket assembly, placement on launcher, actual firing, and rocket in flight (4 min—1960—Color—For public information use—Distribution limited to 1 print to each CF&EE in CONUS, USARAL, USARPAC, and USAREUR—No further prints available on reorder).

45-9515 Little John

Features and capabilities as close support missile; preparation for test firing—Assembly of missile, checks, and mounting on rail launcher; test firing (4 min—1960—Color—For public information use—Distribution limited to 1 print to each CF&EE in CONUS, USARAL, USARPAC, and USAREUR—No further prints available on reorder).

45-9517 Redstone

Test firing of Redstone at White Sands—delivery to range, electrical and pneumatic tests, emplacement on launcher, fueling and firing; use and capabilities of missiles (7 min—1960—Color).

45-9526 Redstone at White Sands

Overland test firing of Redstone at White Sands during week 11 Feb 1959—Tactical purpose of test, preliminary phases and actual firing, results of test (18 min—1960—Color—Distributed to CF&EEs for public information purposes—No additional prints available).

45-9548 Pogo Hi

Development, testing and use of the "Pogo Hi" Target Missile at White Sands for research activity with missiles by the three services (8 min—1960—Color—Distributed to CF&EEs for public information purposes—No additional prints available).

46-8574 Army Helicopters

History and use of helicopters in Army Aviation—Training of helicopter pilots at the Army Aviation School, Fort Sill, Oklahoma (15 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and overseas—Commercial Adaptation).

46-8902 Helicopter—Mountain Operations

Procedures for safe helicopter operations in mountainous terrain—Preflight plans and preliminary measures—Cargo loading—Sling loads—Safe takeoffs—Flight procedures through winds, turbulence, and other obstacles—Proper approaches and landing (25 min—1958—Air Force Film Nr. TF 1-5102b).

46-8903 Helicopter—Vibrations and Resonance—Part I—Vibrations in the H-13

Causes, symptoms, and correction of low, medium, and high-frequency vibrations are discussed—Blades out-of-track and lateral vibrations—Importance of investigating and recording the presence of vibrations (10 min—1958—Air Force Film Nr. TF 1-5102c).

46-8904 Helicopter—Vibrations and Resonance—Part II—Vibrations in the H-19

Causes, symptoms, and corrections of medium and high-frequency vibrations are discussed—Blades out-of-track—Lateral, vertical, and intermittent vibrations—Proper writeups for reporting the presence of vibrations are stressed (6 min—1958—Air Force Film Nr. TF 1-5102a).

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46-8905 Helicopter—Vibrations and Resonance—Part III—Vibrations in the H-21

How to recognize, how to determine source, and corrective action required for each type of vibration—Covers vertical, lateral, medium and high frequency, and fuselage vibrations—Vibrations caused by blades out of track and loose transmission bolts (5 min—1958—Air Force Film Nr. TF 1-5102e).

46-8906 Helicopter—Vibrations and Resonance—Part IV—Ground Resonance

Discusses causes, nature, and prevention of ground resonance encountered—Conditions are described—Severe oscillation—Unbalanced rotor system—Blade out-of-track or out-of-balance—Faulty loading—Low tires and struts—Proper recovery and landing technique (7 min—1958—Air Force Film Nr. TF 1-5102f).

46-8907 Helicopter—Emergency Procedures—Part I—Blade Stalls

Causes, symptoms, and emergency procedures in connection with blade stalls—Recovery procedures and rules—Additional factors of cause include unusual maneuvers, weight, turbulence, and instability of blade—Recovery from settling with power (12 min—1958—Air Force Film Nr. TF 1-5102g).

46-8908 Helicopter—Emergency Procedures—Part II—Emergency Procedures in the H-13 (HTL)

Symptoms of and recovery from mechanical failures, broken rotor control cable, loss of directional control, loss of fan belt, turbulence, and settling with power (11 min—1958—Air Force Film Nr. TF 1-5102h).

46-8909 Helicopter—Emergency Procedures—Part III—Emergency Procedures in the H-19

Symptoms of and recovery from blade stalls, settling with power, and servo failure—Technique of ditching from autorotation, ditching with power, and ditching with passengers (8 min—1958—Air Force Film Nr. TF 1-5102i).

46-8910 Helicopters—Emergency Procedures—Part IV—Emergency Procedures in the H-21

Recovery from stalls—Settling with power—Recovery from servo-system failure—Procedures employed in case of fire and ditching with passengers (5 min—1958—Air Force Film Nr. TF 1-5102j).

46-8998 Flying Soldiers

Purpose and application of the new concept of Army tactical mobility through Army aviation—Use and capabilities of helicopter and fixed-wing aircraft—Techniques employed to paradrop supplies, lay wire, and launching equipment—Advantages of new fighting technique—Preview of new types of aviation equipment being developed (30 min—1958).

46-9029 Helicopter Arctic Operations

Planning, technique, and procedure for safe helicopter operation preflight inspection; takeoff; flight landing in normal and emergency operations; shut-down, unloading and fueling provisions (29 min—1959—Color—Air Force Film Nr. TF 1-5102A).

54-1112 Stock Control at War

Stock control as the most expeditious means of getting supplies—Delivering supplies where needed (20 min—1945).

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54-1114 C.O.D. Saipan

Loading supplies at Hawaii—Convoy voyage to battle area—Naval barrage and strafing at H-hour—Invasion of the island—Constant flow of vital supplies (23 min—1945).

55-1135 Rolling to the Rhine

Importance of trucks in maintaining supply lines in Europe during WW II (9 min—1945).

55-1311 Training Film for Amphibious Instruction

Amphibious techniques in combat taken from WW II Combat Bulletins (66 min—1947—Limited to ZI).

55-7948 The Army Transportation Corps

History, responsibilities, training program, and current operations at ports of embarkation and in Europe and Korea (27 min—1953—Distribution limited to Class II TC Installations and central film libraries in CONUS).

55-7952 Transportation Corps Operations—SUNAC

The 373d Transportation Port making final preparations for an important mission in support of North Atlantic Command in arctic area—Physical characteristics of docks and installations in Far North—Varied and ingenious cargo handling methods and field expedients (27 min—1953).

55-8044 Navigation—Charts

Meaning, advantages, and limitations of Mercator, gnomonic, and Lambert conformal projections (15 min—1952—From Navy Film MN 83-B).

55-8045 Dead Reckoning

Basic plan of Mark 3 board, animating a small-scale problem as it is worked out on the board—Plots in geographic position and solution of wind problem (20 min—1952—From Navy Film MN 83-G).

55-8046 Navigation—Piloting (Surface)

Importance of accurate piloting and use of bearing circle, compass repeater, and alidade in securing bearings (18 min—1952—From Navy Film MN 83-H).

55-8047 Navigation—Fog Piloting

Navigating the Savannah River from Hampton Roads to Philadelphia Navy Yard during heavy fog—Charting courses with positions judged by fathometers, radio directional bearings, and diaphone (23 min—1952—From Navy Film MN 83-V).

55-8048 Rules of the Nautical Road—Halifax Incident

How the *Halifax* disaster was caused by misinterpretation of a ship's whistle signal—International rules—Importance of taking bearings—Definition of selected nautical terms (26 min—1952—From Navy Film MN 202-A).

55-8049 Rules of the Nautical Road—Meeting Steam Vessels

Five examples of steam vessels meeting on high seas and inland waters—Proper whistle signals for each situation—How to figure the degree of turn of a vessel at various distances (17 min—1952—From Navy Film MN 202-K).

55-8050 Rules of the Nautical Road—Overtaking Situation

Whistle signals to be used on the high seas when overtaking and three examples of use—The whistle system for inland waters and

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four examples of use—Applications of rules for overtaking vessels in narrow channels (15 min—1952—From Navy Film MN 202-N).

55-8051 Rules of the Nautical Road—Crossing Steam Vessels

Definition of the term crossing—Examples of general rules for both international and inland waters—Use of whistle signals in crossing situations (15 min—1952—From Navy Film MN 202-R).

55-8052 Aids to Navigation—How to Use Navigational Aids

Use of nautical charts showing navigational aids—Identification of various symbols found on charts (7 min—1952—Color—From Navy Film MN 202-AC).

55-8053 Navigation—Interpretation of Bearings, Single Lines of Position

Reciprocal bearing—Celestial IOP's—Fixes—Intercept toward and away—Determining groundspeed, wind direction, and velocity—Proper procedure for plotting a course (19 min—1952—From Navy Film MN 507-C).

55-8150 A Day in Court

Pointing out that traffic safety is a problem of gravest importance to the nation—Responsibility of individual driver—A solution to the problem may be to change driver's habits and attitudes (32 min—1953—Distribution limited to CONUS—Commercial Adaptation).

55-8158 Helicopter Orientation, Introduction to Rotary Wing Flight

A brief history of the development of the helicopter—Varied uses in peacetime and wartime aviation—Aerodynamic principles of rotary-wing flight—Animation and live scenes show primary functions: vertical flight, horizontal flight, and directional control (28 min—1953—Distribution limited to CONUS—From Navy Film MN 7306-A).

55-8243 Tractor Sled Operations (Icecap—II)

Successful tests conducted by transportation corps in summer of 1953 to determine practicability of hauling heavy tonnages over the Greenland Icecap (10 min—1955—Color).

55-8244 Railroad Freight Handling—Ichabod, the Man Without a Head

Right and wrong methods of handling freight—Proper loading, unloading, and stowing can prevent damage, cost, and danger resulting from improper methods (15 min—1954—Color—Commercial Adaptation).

55-8245 Icecap—II

Successful test mission of the Army Transportation Corps expedition, 110 miles across the icecap of Greenland in 1953—Test of capabilities of men and equipment under arctic conditions (28 min—1954).

55-8411 Shipbuilding Safety—Rigging: Making a Safe Lift

Three basic steps for making a safe lift: make a safe plan, use safe gear, use gear safely—A safe lift eliminates danger in shipyards during rigging operations (20 min—1955—From Navy Film MN 7486-B).

55-8412 Shipbuilding Safety—Rigging: Maintenance and Care of Gear

Three rules for proper care and maintenance of rigging gear: handle gear correctly, overhaul gear thoroughly, test gear regularly (19 min—1955—From Navy Film MN 7486-C).

55-8454 Combat Loading—Part II—Indian Joe

Scenes of beachhead at IWO showing importance of smooth flow

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of supplies in landing operation—Problem of combat loading a Marine Division for landing operation (4 min—1955—Color—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Marine Film No. MH 5343B).

55-8455 Amphibious Warfare—Handling the Landing Craft

Shows how LCM-3's, LCP's, and LCV's are launched from a transport, loaded alongside, and stowed aboard ship (15 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN-942D).

55-8456 The LST—Employment

LST employment, combat loading, loading cargo, transportation, and discharge of LVT's and DUKW's, Transport QM's duties (19 min—1956—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 4302B).

55-8457 Amphibious Ships, Crafts, and Vehicles

This film describes numerous types of landing craft, amphibious vehicles and control ships and their salient features (21 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Marine Film MH 7483).

55-8458 Amphibious Warfare, The LCVP—Part II—Boat Handling

Demonstration of equipment checks, before starting engine checks, and gear checks are demonstrated—All phases of boat handling and securing are explained (19 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 4306B).

55-8459 Amphibious Warfare, The LCM (3) Operation

Describes primary and advanced boat handling—Use of ramp in emergency and anchor—Unloading of a boat from ship (21 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 4307B).

55-8460 Lookout Training—Your Importance

Explanation of Lookout's duties, stressing importance of constant vigilance and immediate report (contact first, then follow up) (4 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 16N).

55-8461 Lookout Training—Bearings

Procedure for determining relative bearings from line of ships course is discussed and demonstrated with models—Explains correct terminology (4 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 16R).

55-8462 Lookout Training—Lookout

Sky, horizon and surface, search—Estimation of relative bearing and position angle—Care of binoculars (23 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 16U).

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55-8463 Navigation—The Earth

Poles, great circles, parallels, meridians, longitude, latitude, nautical mile and departure (20 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 83A).

55-8464 Navigation—Nautical Astronomy

By animation shows how the celestial coordinates are placed in relation to earth—Describes use of declination, zenith point, nadir line, etc. (18 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 83C).

55-8465 The Gyro Compass—Principles of the Gyroscope

Principles of Gyroscope—Shows 3° of freedom of Gyroscope—Further study of precision, rigidity, and apparent rotation (10 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 1792A).

55-8466 The Gyro Compass—The Gyroscope and the Earth's Rotation

How a simple gyroscope becomes a gyro compass—Principles of rigidity and precision, and apparent rotation and gravity (10 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 1792B).

55-8467 The Gyro Compass—The Gyroscope and Gravitation

Theory and operation of Pendulous and mercury ballistic type compasses—Effect of gravity upon gyroscope (12 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 1792C).

55-8468 The Gyro Compass—The Gyro Becomes a Compass

Why gyro turns toward meridian—How its motion is damped—How it is kept on meridian (15 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 1792D).

55-8469 The Gyro Compass—The Compass Systems

Five major assemblies of a Sperry Mark 14 Gyro compass—Operation of followup and repeater systems (16 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 1792E).

55-8470 Officer of the Deck—At Sea—Part I

For Officer indoctrinees and Midshipmen information—Routine and unusual incidents e.g.—Man overboard and near-collision (26 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 3212A).

55-8473 Handling, Stowing, and Transportation of Explosives as Cargo on Board Merchant Vessels

Describes the loading capacity and stowage facilities of a Liberty-type vessel, showing: cargo booms and hatches; handling gear; boiler and engine room—Demonstrates use of the hoist in unloading and loading bombs with protective rings, nose fuses and tails; torpedoes (63 min—1956—From Navy Film MN 3313).

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55-8474 Damage Control—Investigation to Damage

Shows damage control organization and emphasizes importance of careful investigation and reporting (18 min—1955—Color—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 4920D).

55-8475 Damage Control—Elements of Stability in Ships

Employs miniature hull in glass tank filled with water to explain principle of buoyancy and gravity—Effects of loading on stability—Period of roll of ship (37 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 61F).

55-8477 Painting Ships and Boats

Demonstrates technique of handling paint: opening, mixing, stirring, boxing, dipping, laying-on, and laying-off paint (9 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 76C).

55-8478 Painting Ships Bottoms—Sandblasting

Continuous or intermittent sandblast equipment, how it is setup and used, and how operator is clothed during operation (10 min—1956—Color—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 2528A).

55-8479 Painting Ships Bottoms—Hot and Cold Plastic Anti-Fouling Paint

Discusses and illustrates: painting ships bottoms with hot and cold plastic antifouling paints—Good conditions for painting—Preparation of paint and safety (10 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 2528B).

55-8481 Handling a Lifeboat Under Oars—Rowing—Part I

Shows proper wrist and body movements in rowing—Points out four phases of a complete stroke (12 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Coast Guard Film MG 2160A).

55-8482 Handling a Lifeboat Under Oars—Commands—Part II

Explains commands pertinent to handling lifeboat under oars—Shows proper stance for coxswain and men (10 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Coast Guard Film MG 2160B).

55-8483 Shipbuilding Skills—Nomenclature of Ship's Fundamentals

Shows elementary ship's directory—Explains base, center, water, buttock, and frame lines—Study of ship's structure (20 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 2334A).

55-8484 Shipbuilding Skills—Ship's Blueprints Basic

Explains and illustrates steel structural elements used in shipbuilding—Shows how they are depicted on a blueprint (21 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Commands—From Navy Film MN 2335A).

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- 55-8485 Shipbuilding Skills—The Shipfitter—Lifting Templates for a Foundation**
Teaches how to lift a template within the hull of a ship—Shows how to transfer the shape of the hull by use of measurements and cardboard (23 min—1956—From Navy Film MN 2338A).
- 55-8486 Shipbuilding Skills—Shipfitter—Simple Foundation—Part II**
Shows how layout man develops job from the templates—Use of shears, burning torch, cold press and punch (16 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 2338C).
- 55-8487 Shipbuilding Skills—Coppersmith—Flaring and Reducing**
Flaring and reducing tubing—Annealing, bumping, cleaning and finishing—Shaping of copper plates (by hand methods) (18 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Commands—From Navy Film MN 2346-A).
- 55-8488 Shipbuilding Skills—Blacksmith—Calculating and Bending Rings and Links**
Linear calculation of stock—Forming of rings and links—Forge welding—Use of hand tools (21 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Commands—From Navy Film MN 2350).
- 55-8489 Safety in Navy Yards**
Danger in not wearing safety apparel, safety rules for traffic, lifting, welding, etc. (16 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 1921-A).
- 55-8523 Sheet Metal—Hand Method of Forming**
Metal bumping on stakes, dollies, sandbag, bumping mould, and bending block (20 min—1955—From Navy Film MN 26).
- 55-8524 Rotary Machine**
Operation and care—How to bead, flange, and crimp sheet metals (20 min—1955—From Navy Film MN 27).
- 55-8525 Machine Methods of Forming Sheet Metal**
How to curve sheet metal and shape curved parts (20 min—1955—From Navy Film MN 28).
- 55-8526 Bar Folder**
Adjustments and parts—Use in making flanges and hems (10 min—1955—From Navy Film MN 29).
- 55-8527 The Diesel Engine—Scavenging and Supercharging**
Operation of 2-stroke cycle, single and double acting engines and opposed engine—Scavenging and supercharging air (16 min—1955—From Navy Film MN 42-B).
- 55-8528 Diesel Engine Governors—GM Series 71**
Operation of main governor assembly—Action through low, intermediate, and high speed ranges (12 min—1955—From Navy Film MN 44-B).
- 55-8529 Diesel Lubrication and Cooling Systems—GM 71 Series**
How oil courses through and lubricates each component part—Action of ventilation system (12 min—1955—From Navy Film MN 45-B).

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55-8530 Diesel Engine Fuel Systems

Basic structure—Operation of injectors and fuel pumps—Examination of air injector, Bosch, GM and Excello equipment (39 min—1955—From Navy Film MN 46-A).

55-8531 Cooper Bessmer Diesel Engine Fuel Injection Systems

Operation of fuel injection system—Examination of fuel pump—Fuel delivery and pressure (14 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 46-B).

55-8532 Progressive Maintenance Diesel Propulsion Engine

Disassembly of main bearing, inspection and cleaning of bearing shells—Reassembly of bearing (17 min—1956—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 209-D).

55-8533 Gray Marine Diesel Goes to War

Twenty-two step procedure for starting new engine or after an inactive period of a week (14 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—Commercial Adaptation).

55-8534 Gray Marine Diesel Goes to War—Service and Maintenance

Service and maintenance after 10, 20, 50, 150, 250, and 1,000 hours of continuous running (25 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS Transportation Command—Commercial Adaptation).

55-8535 Gray Marine Diesel—GM Unit Injector—Removal and Replacement

Removal of defective injector—Replacement with spare—Timing and equalizing (12 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—Commercial Adaptation).

55-8536 Gray Marine Diesel—GM Unit Injector—Cleaning and Repairing

Disassembly, cleaning, inspecting and repair of injector and check valve, popping injector test (25 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—Commercial Adaptation).

55-8537 Making a Wire Template

Full-scale drawing and procedures for bending template (19 min—1955—From Navy Film MN 2337-B).

55-8538 Making a Hot Bend

Complete process, from selecting pipe and packing with sand, to heating and bending (19 min—1955—From Navy Film MN 2337-C).

55-8539 General Motors Diesel Engine Unit Injector—Maintenance

Disassembly, cleaning, and inspection of parts—Lapping of check valves (18 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 2769-A).

55-8540 General Motors Diesel Engine Unit Injectors—Disassembly and Assembly Model 278

Disassembly and reassembly procedures—Timing of rack—Testing assembled injector (18 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 2769-B).

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- 55-8541 General Motors 16-278A Diesel Engine—Disassembly**
Inspection of blower rotors and pistons—Removal of heads of wear ridge, connecting rod bearing—Pulling of 1 piston (35 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 3707A).
- 55-8542 General Motors 16-278A Diesel Engine—Bearings**
Removal of main bearing—Inspection, “miking” and installation of bearing shells (10 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 3707B).
- 55-8543 General Motors 16-278A Diesel Engine—Part I—Reassembly**
Installation of liner, piston assembly, cylinder head and rocker level assembly (22 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 3707C).
- 55-8544 General Motors 16-278A Diesel Engine—Part II—Reassembly—Head**
Installation of injector and controls, valve bridges and rocker shaft—Assembly and timing of injector and exhaust (26 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 3707D).
- 55-8545 General Motors 16-278A Diesel Engine—Part I—Bench Work**
Removal of valves, over speed trip assembly, transfer block and check valve (12 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 3707E).
- 55-8546 General Motors 16-278A Diesel Engine—Part II—Bench Work**
Cleaning and inspecting head—“Miking” guides and valves—Resurfacing and lapping valves (19 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 3707F).
- 55-8547 General Motors 16-278A Diesel Engine—Part III—Bench Work**
Installation of valves, over speed trip, transfer block—Testing valve and relief valve assembly—Starting air check valve (12 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 3707G).
- 55-8548 General Motors 16-278A Diesel Engine—Part IV—Bench Work**
Disassembly of piston—Inspection and miking of piston components—Checking ring clearance—Reassembly of piston and rod and inspection—Miking of liner (26 min—1956—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Navy Film MN 3707H).
- 55-8549 Servicing the Zero Lash Valve Adjusters in Diesel Engines**
Operation, maintenance, and repair of valve (37 min—1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—Commercial Adaptation).
- 55-8769 Safe Driving in Bad Weather—Part I—Light Vehicles**
Rules and proper techniques for driving in rain, snow, and ice, and on level, curved, and sloping roads—Winter driving aids and precautions (17 min—1957—From Air Force Film TF 1-5013).

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- 55-8770 Safe Driving in Bad Weather—Part II—Trucks and Tractor-Trailer**
Rules and proper techniques for driving in bad weather, on level and inclined terrain—Winter driving equipment—Prevention and correction of skids (15 min—1957—From Air Force Film TF 1-5013).
- 60-1323 Operations Crossroads**
Able and Baker Navy tests of atomic bomb—Test Able shows effects of bomb dropped on fleet of warships in Bikini Lagoon—Test Baker shows effects of bomb exploded underwater (28 min—1947—From Navy Film MN 5345).
- 60-7732 Amphibious Warfare Instruction—Organization and Concept (U)**
(24 min—1950—Film is classified CONFIDENTIAL.)
- 60-7733 Amphibious Warfare Instruction—Planning and Intelligence (U)**
(24 min—1950—Film is classified CONFIDENTIAL.)
- 60-7734 Amphibious Warfare Instruction—Training and Movement to the Objective (U)**
(16 min—1950—Film is classified CONFIDENTIAL.)
- 60-7735 Amphibious Warfare Instruction—Mine Warfare and Underwater Demolition Team Operations (U)**
(15 min—1950—Film is classified CONFIDENTIAL.)
- 60-7736 Amphibious Warfare Instruction—Naval Gunfire Support—Part I (U)**
(26 min—1950—Film is classified CONFIDENTIAL.)
- 60-7737 Amphibious Warfare Instruction—Naval Gunfire Support—Part II (U)**
(24 min—1950—Film is classified CONFIDENTIAL.)
- 60-7738 Amphibious Warfare Instruction—Air Operations (U)**
(24 min—1950—Film is classified CONFIDENTIAL.)
- 60-7739 Amphibious Warfare Instruction—Ship to Shore Movement (U)**
(22 min—1950—Film is classified CONFIDENTIAL.)
- 60-7740 Amphibious Warfare Instruction—Communications (U)**
(14 min—1950—Film is classified CONFIDENTIAL.)
- 60-7741 Amphibious Warfare Instruction—Logistics (U)**
(23 min—1950—Film is classified CONFIDENTIAL.)
- 60-8246 Amphibious Instruction—Tank and Armored Amphibians (Landing Force) (U)**
(24 min—1954—From Navy Film MN 6560-P—Film is classified CONFIDENTIAL.)
- 61-1015 It's Our Job**
Proper supervision of employees (39 min—1944—Distribution limited to ZI—Commercial Adaptation).
- 61-1049 Machine Transcription—Transcription Technique**
Proper phrasing—Dictation at various speeds—Preparing for day's work, composing letters, and correcting mistakes (21 min—1944—Distribution to ZI—From Navy Film MN 1562-B).
- 61-1050 Take a Letter, Please**
Common faults of persons dictating—Dictating and use of the Ediphone and Dictaphone (22 min—1944—Distribution limited to ZI).
- 61-1093 For Safety's Sake**
Precautions while using portable power tools—Maintenance and care of the tools (15 min—1944—Commercial Adaptation).

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61-1100 Suggestion Power

Improved efficiency in the war effort—"Ideas for Victory," War Department's suggestion program (18 min—1944).

61-1165 Another Snowball Conference

Wasting time in unplanned conferences (10 min—1945).

61-1206 A New Supervisor Takes a Look at His Job

Superintendent briefs new supervisor on his responsibilities (13 min—1945—From Office of Education Film No. 150).

61-1207 Placing the Right Man On the Job

Reassignment of job misfits to different jobs, resulting in happier workers and increased production (13 min—1945—From Office of Education Film No. 156).

61-1257 Supervision—Dealing With Dissatisfied Employees

Analyzing causes of discontent and adjusting difficulties—Adopting proper attitude—Getting the story straight when dealing with a problem employee—Always being accessible—Taking quick action (14 min—1946—From Navy Film MN 3425-A).

61-1258 Supervision—Budgeting Time and Effort

Specific techniques used in budgeting time and effort—Checking work each morning—Definite inspection plans—Checking unfinished work at end of day—Training and orienting new employees—Delegating routine work—Budgeting time to allow for unforeseen emergencies (17 min—1946—From Navy Film MN 3425-B).

61-1259 Supervision—Developing Cooperation

Right and wrong ways of supervision—Cooperation among workers (15 min—1946—From Navy Film MN 3425-C).

61-1260 Supervision—Building Morale

Techniques in building and maintaining morale—Taking responsibility—Giving credit for new ideas and a job well done—Being loyal to management—Training men in their jobs and encouraging initiative—Considering new ideas and helping present them (11 min—1946—From Navy Film MN 3425-D).

61-1261 Supervision—Creating Job Interest

Creating interest in a job—Providing outlets for employee's ambition—Encouraging pride in the organization—Satisfying worker's desire to learn new things—Building interest in the job—Delegating responsibility (11 min—1946—From Navy Film MN 3425-E).

61-1432 Maintaining Good Working Conditions

Part played by supervisors in maintaining good working conditions—Examples of increased production and better satisfied workers as a result of such conditions (9 min—1951—From Office of Education Film No. 152).

61-7619 Working With Other Supervisors

Supervisors discuss one of their number who has been unable to work harmoniously with them (8 min—1951—From Office of Education Film No. 153).

61-7620 Every Minute Counts

Absenteeism and tardiness as it affects a supervisor—Remedies (10 min—1951—From Office of Education Film No. 161).

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- 61-7621 The Supervisor As a Leader—Part I**
Qualifications of a good supervisor (14 min—1951—From Office of Education Film No. 168).
- 61-7622 The Supervisor As a Leader—Part II**
Qualities of leadership (13 min—1951—From Office of Education Film No. 169).
- 61-7695 Flow Process Chart and How to Use It**
Efficiency of operating procedures, whether in a supply depot, on a production line, or in an administrative office, improved by use of flow process chart—Working up a flow process chart on several types of operations—Violations of operating efficiency—Corrective measures (15 min—1951—Color—Commercial Adaptation).
- 61-7764 Planning and Laying Out Work**
Necessity for careful planning before starting a job—Serious results of poor planning (10 min—1951—From US Office of Education Film No. 151).
- 61-7765 Instructing the Worker On the Job**
Proper and improper methods of instruction (14 min—1951—From US Office of Education Film No. 155).
- 61-7766 Supervising Workers On the Job**
Poor supervision practices contrasted with better methods (10 min—1951—From US Office of Education Film No. 157).
- 61-7767 Supervising Women Workers**
Problems of supervising women (11 min—1951—From US Office of Education Film No. 158).
- 61-7768 Improving the Job**
Suggestions for preventing waste (10 min—1951—From US Office of Education Film No. 163).
- 61-7769 Maintaining Quality Standards**
Nature of quality standards—Role of supervisor in maintaining quality as well as quantity (11 min—1951—From US Office of Education Film No. 164).
- 61-7771 Safety in the Shop**
Typical shop accidents—Poor supervision or inadequate training causes accidents—Supervisor's responsibility in teaching and maintaining safe practices in the shop (12 min—1951—From US Office of Education Film No. 481).
- 61-7772 Introducing the New Worker to His Job**
Proper induction methods (16 min—1951—From US Office of Education Film No. 154).
- 61-7775 Maintaining Workers' Interest**
Necessity for supervisor to detect and remedy situations where workers lose interest in their jobs (13 min—1951—From US Office of Education Film No. 159).
- 61-7993 Motion Study Principles**
Illustrating and discussing the 11 principles of motion economy in the performance of manual tasks (28 min—1953—Commercial Adaptation).
- 61-8043 TVA Town**
Reclamation of flood-ravaged Decatur, Ala., through engineering

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accomplishments of Tennessee Valley Authority—Abundant electric power and cargo-transporting waterway facilities—Impetus to area growth (30 min—1952—Distribution limited to ZI—Commercial Adaptation).

61-8057 The Inner Man Steps Out

Effective human relations—Importance and development in all phases of life—Fundamentals of human behavior (33 min—1952—Distribution limited to ZI only—Commercial Adaptation).

61-8060 Is Government Telling Its Story

Pictorial record of Georgetown University Forum—Need for and purpose of a public relations campaign to educate the public concerning contributions of civil servants to nation's economy and way of life (30 min—1952—Distribution limited to ZI—Commercial Adaptation).

61-8403 Personnel Management—Supervisory Conferences

Purpose of training programs (14 min—1954—Commercial Adaptation).

61-8404 Personnel Management—Communications

Need for effective communication in industry (13 min—1954—Commercial Adaptation).

61-8413 All I Need is a Conference

An industrial problem is solved by a conference of supervisors and managers—Functions of a conference leader and suggested techniques for conducting an effective meeting (30 min—1955—Commercial Adaptation—Distribution to CF&EEs in CONUS—Supplementary distribution to AF&EEs at major OS Commands).

61-8414 The Fourth Man—The Civilian Behind the Soldier

Role played by civilians in the Army—Special positions held by civilians—Emphasis on the advantages of having civilians on the Army team (9 min—1955).

61-8659 Commencement (Employment Nondiscrimination)

Promotes the theme of nondiscrimination in employment and how to carry out this policy in connection with Executive Order 10590, 18 Jan 55 (26 min—Distribution in CONUS—Commercial Adaptation).

61-8687 Production 5118

Narrative revolving about a business executive stresses the Golden Rule to achieve best business and personal relations (30 min—1957—Color—one each 16mm print distributed to CF&EEs in 6 AA's in CONUS—No additional distribution—Supplemental distribution to AF&EEs for Ordnance installations in CONUS—Commercial Adaptation).

61-8810 Working for the USA

Aimed to attract High School graduates into Federal Civil Service—Covers scope, requirements, and benefits of government employment (14 min—1957—Civil Service Commission Film—Distributed to Army Film and Equipment Exchanges in CONUS).

61-8989 The Time is Now (Supervisor Development)

Defines the 5 requisites necessary for high level supervision—Respect for craftsmanship, teamwork, integrity, planning, and leader-

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ship (30 min—1960—with five related film clips; one for each requisite for supervisors—Commercial Adaptation).

61-9006 This is Automation

Application and advantages of automation in industry—Progressive steps to automation—Equipment and principles of automation applied to various manufacturing operations (30 min—Color—Commercial adaptation—Distributed to AF&EEs for special Ordnance installations in CONUS).

80-1275 The Ground Team—Designed for Victory

Achievements of infantry, artillery, and airborne troops during WW II (9 min—1945).

130-7553 Winged Victory on Foot—43d Infantry Division

History of 43d (Winged Victory) Infantry Division from activation in 1941—Arrival in the Pacific in 1942—Three years of active combat (14 min—1949).

130-7554 29—Let's Go—29th Infantry Division

History of 29th (Blue and Gray) Infantry Division—From training camp to Germany—Amphibious maneuvers in England—Battle at Normandy, St. Lo, Brest, and Germany (20 min—1949).

130-7555 The Red Bull Attacks—34th Infantry Division

History of the 34th Infantry Division traced back to Minnesota Volunteers of Civil War days—Record on the battlefields in WW's I and II—Invasion of Casablanca, 1942; Battle of Tunis, Kasserine Pass—Invasion of Salerno, Volturno River operations, Battle of Cassino, Anzio Beachhead, and campaigns of Liri and Po Valleys (21 min—1950).

130-7585 Work Horse of the Western Front—The 30th Infantry Division

Combat activities of "Old Hickory" National Guard Division in WW I and II in the European Theater of Operations—Victorious campaigns in Normandy, St. Lo, Belgium, Holland, Germany (18 min—1950).

130-7722 The Victory Division—24th Infantry Division

Activities and accomplishments of 24th Infantry Division against Japan in WW II—Subsequent duty in Japan (19 min—1950).

130-7723 The Big Wheel—35th Infantry Division

History of the 35th Infantry Division (17 min—1950).

130-7730 The Sunset Division—41st Infantry Division

History and documentary coverage of its activities in the Pacific during World War II (13 min—1951).

130-7872 Twenty-Sixth Infantry Division

Highlights of the history of the 26th Infantry Division (16 min—1952).

130-7929 27th Infantry Division

New York's Own, the 27th Infantry Division—Record from its inception in 1776 through WW II (20 min—1953).

130-7930 32d Infantry Division

The Red Arrow Division (Wisconsin National Guard) through the Civil War—Spanish American War, Mexican Border campaign, WW's I and II (18 min—1953).

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MF No.

130-7931 36th Infantry Division

The 36th Infantry Division formed in 1917 from Oklahoma and Texas National Guard units—Record of valor in WW's I and II (21 min—1953).

140-7800 Man with Mission

ORC—Opportunity for men to better themselves—Preparation to serve their country in time of need (17 min—1950—Commercial Adaptation).

145-7743 Army ROTC

Film intended to win interest of high school seniors and college freshmen in ROTC—Full 4-year course—Advantages—Appointments at graduation as 2d lieutenants in ORC (18 min—1951).

53. No Release Number (NRN)

These films were released with neither prefix numbers nor category designations.

NRN

Safety and Command

Policy, scope, and implementation of the army safety program—responsibility of Command and Safety Director to reduce accidents (37 Frames—1960—Color—Distributed to CF&EEs for inclusion in Safety and Command Audio-Visual Kits).

Audio-Visual Kit for Army "Safety and Command" Program

Each kit consists of 2 packages: package No. 1 consists of "Presentation Guide, Record, Transparencies, Film titled 'Hey You', Video-Graph Symbols"—Package No. 2 consists of "Film MF 20-8844 and Handouts for program" (Distributed to CF&EEs in CONUS and OS).

Newsreel Planning Pays Off

Teaches Armed Forces newsreel cameramen the planning and shooting techniques for covering news events—Illustrates initial preparations and actual shooting (17 min—1958).

Psychological Warfare in Alaska

Showing psychological warfare activities in Alaska—Army's highly developed printing equipment and skilled personnel plan, write, and print leaflets—Leaflets disseminated by planes bearing special leaflet shells and bombs—Radio broadcasts calculated to weaken enemy resistance—Use of loud-speaker systems in combat areas—Psychological media gain military advantage (19 min—1953).

SCRD 1

Signal Corps Research and Development—Film Report 1

New development in: amplifiers, VT fuze jammer, cable, MOBIDIC, combat radios, miniature circuits, tropospheric communication, missile operation systems and solar batteries (29 min—1960—Color—Distributed to CF&EEs and major Signal installations).

Project 00050C

CML Corps Technical Film Report No. 8 Agent CS-Physical Incapacitator (U)

(10 min—1959—Color—Film is classified CONFIDEN-

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NRN

TIAL—Limited number of prints distributed to AF&EEs servicing service schools and colleges specified by OCmlO.)

Project 07022

Memorandum on Security

Donald A. Quarles, Deputy Secretary of Defense, explains the importance of security in defense research work to scientific and engineering personnel involved (9 min—1959—Color—Distributed to CF&EEs in CONUS, USARAL, and USAR-CARIB and SP DA Staff Agencies).

Project 15611

The Army's Corps of Engineers

History of the development and early activities of the Corps—Responsibilities, training program, and current defense activities around the globe (15 min—1955).

Project 16825

Christmas in Music (The Big Picture)

The spirit of peace and good will is demonstrated musically by the U.S. Army Field Band and Soldiers' Chorus—Selections range from "Winter Wonderland" to "March of the Toys"—Christmas message by General Maxwell D. Taylor—Prayer by Major General Patrick J. Ryan, Army Chief of Chaplains (29 min—1958—This film is for public nonprofit exhibition ONLY—Film and equipment exchanges are not to use this film for television exhibition under any circumstances).

Project 16859

The Big Picture—Battlefields of Europe

A documentary on World War II battlefields of Europe, how they appeared in war and how they appear today in peace—Normandy, St. Laurent, Saint-Lo, Battle of the Bulge, Bastogne, Crossing of the Rhine River, Nuremburg, etc—Peace has brought serenity and happy modifications (29 min—1958—This film is for public nonprofit, theatrical exhibition, and sale to United World Films ONLY—Not for Television exhibition).

Project 86022

Army Explorers in Space

Story of the development and launching of the earth satellite, Explorer—Various stages of rocket and satellite—Equipment used to track the flight in space—Contributions made by Dr. Werhner Von Braun, Army Ballistic Missile Agency, Dr. William H. Pickering, Jet Propulsion Laboratory, and Dr. James Van Allen, University of Iowa are reviewed—Pre-launching checks, countdown, and firing action at Cape Canaveral, January 1958 (14 min—1958—Color—Distribution to Central Film and Equipment Exchanges in CONUS and Overseas).

Project 84-86027

A Research and Development Special Film Report—The Sergeant System (U)

(22 min—1960—Color—Distributed to CF&EEs and pertinent schools—This film is CONFIDENTIAL.)

L.R. 5030

General Stubbs Briefing Film (U)

(16 min—1959—Color—Distributed with classified printed material to AF&EEs for exclusive use of CmlO's.)

Project 9432020

This Is West Point

Historic traditions, academic curriculum and extracurricula pursuits at USMA—Benefits of Army career underscored (13

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min—1960—Color—Limited number of prints distributed to CF&EEs in CONUS for USMA liaison officers).

54. Office of the Secretary of Defense Film (OSD)

This film was produced to stress the integration of the Armed Forces with industry.

OSD No.

1 Power for Peace

Film stresses integration of combat efforts by each of the armed forces with our industrial might to produce the striking power of the nation—Marine Corps simulates an amphibious assault and helicopter troop tactics—At Eglin Air Force Base, Florida, climatic hanger, spectacular air show, and bombing demonstration—Army's Infantry School, Fort Benning, Georgia, demonstrates firepower and role of paratroopers and foot soldiers—Navy task force exercise with all types of aircraft, surface and submarine vessels (20 min—1950).

55. Officer's Conference Films (OC)

These films deal with world affairs and are intended for the use of Armed Forces and civilian reserve units. They can be utilized in officer's discussion group and conference programs.

OC No.

1 Officer's Conference—Mr. George F. Kennan Discusses Soviet Objectives

Tactical and strategic objectives of the Soviet Union discussed with students at the National War College of Washington (58 min—1955).

2 Officer's Conference—Which Way for the Germans

General Walter Bedell Smith discusses this subject with students at the National War College, 22 Nov. 1954—Brief review of the political problems surrounding the rearming of Germany, followed by a question-answer period (44 min—1955).

3 Officer's Conference—What We Face in Southern Asia

U.S. Supreme Court Justice William O. Douglas discusses the political and economic problems which exist in Southern Asia and their significance to the US, followed by a question-answer period (42 min—1955).

4 Officer's Conference—Red China and the United Nations

US Ambassador to the UN, Henry Cabot Lodge, Jr., discusses changes that have transpired in the UN mission from 1945 to the present, and the problems concerning admission of Red China to the UN, followed by a question-answer period (30 min—1955).

5 Officers Conference Five—The Dilemma of the US Foreign Policy in the Middle East

Assistant Secretary of State of Near East and Southern Asian Affairs, Mr. George B. Allen, discusses the geographical boundaries of the Middle East and South Asia, their political and strategic significance to the US, and the concept of the collective security program, followed by a question-answer period (40 min—1955).

7 Communist Objectives in the Far East

Mr. Walter S. Robertson discusses the Communist objectives in Asia and the US concern in curbing their expansion in that area (31 min—1956).

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OC No.

8 Challenge of Outer Space

Dr. Wernher Von Braun discusses the functioning of modern guided missile and the challenge presented by outer space in future development (61 min—(2 reels)—1956).

9 The New Face Of The Soviets

Dr. Philip E. Mosely discusses the political, economic, social, and military changes in Soviet policy (50 min—1956).

10 Mission of the United States Marine Corps

General Randolph McCall Pate, Commandant of the US Marine Corps, defines the mission and organization of the Corps (27 min—1956).

11 Mission of the United States Navy

Admiral Arleigh Burke, Chief of Naval Operations, explains the role of the Navy in advancing our national security and supporting our allies (35 min—1956).

12 The Mission of the United States Army

General Maxwell D. Taylor, Army Chief of Staff, discusses the current Army policy in implementing its mission, with students from Armed Forces Staff College (37 min—1957).

13 Mission of the United States Air Force

General Thomas D. White, Chief of Staff, USAF, discusses the USAF mission in areas of air defense, retaliatory air force, and support for ground forces (33 min—1957).

56. Orientation Films (OF)

Orientation films (OF) are designed to orient the individual soldier in national and international affairs, military affairs, and current events. They are intended for information and discussion purposes.

OF No.

36 Voices of the People

Freedom of speech—Role of opinions in American history—Discussion of problems as important today as in past—Taxation without representation—British policing methods—Declaration of Independence and American Revolution—Congressional action on domestic and foreign affairs (18 min—1949).

48 Citizen in Arms

Role of citizen soldier in American history during peace and war (9 min—1948).

53 American Anniversary

Young immigrant discovers America—Rises to position of leadership in factory and community (15 min—1949—Commercial Adaptation).

57. Professional Medical Films (PMF)

Professional medical films (PMF) deal with subjects that are primarily of interest to military medical personnel and allied scientific workers.

PMF No.

5000 Preparation and Staining of Blood Slides

Demonstration of laboratory equipment—Preparation of stains—Preparation of thick films for diagnosis of malaria (18 min—1947—Color—Film Reference).

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PMF No.

- 5001 Colostomy Closure (End-to-End Anastomosis)**
Surgical repair of left upper abdominal colostomy (13 min—1947).
- 5002 Abdominal Colostomy Closure—Pauchet Method**
Case of well-functioning colostomy of double loop type located on left side in sigmoid colon—Method used to accomplish closure—Precautions (9 min—1947—Color).
- 5004 Intra-Abdominal Closure Descending Colon Colostomy (Herniations and Multiple Openings)**
Colostomy of descending colon midway between umbilicus and anterior iliac crest with four separate openings resulting from damage to exteriorized loop of bowel—Technique used to effect repair (15 min—1947—Color).
- 5005 Simple Closure of an Abdominal Colostomy**
Incomplete colostomy of transverse colon—Relatively simple closure procedure—Advantages of intraperitoneal approach (7 min—1947—Color).
- 5007 Intra-Abdominal Colostomy Closures (Right and Left Side)**
Series of right sided colostomy cases—Factors essential to adequate closure (9 min—1947—Color).
- 5008 Management of Abdominal Colostomies (Intraperitoneal Closure)**
Experience record of cases encountered during WW II—Factors essential to evaluation of each type—Methods of approach (22 min—1947—Color).
- 5009 Operation for Varicocele**
Case of painful left varicocele involving anterior group of veins—Surgical treatment similar in principle to ligation of saphenous vein for varicosities of lower extremity—Technique (5 min—1947—Color).
- 5015 Convalescent Care and Rehabilitation of Patients with Injury to Spinal Cord (Surgery and Physical Medicine)**
Diagnostic, surgical, nursing, and physical medicine techniques and practices (41 min—1946—Color).
- 5016 Thoracic Surgery—Part I: Hemothorax with Consideration of Specific Remedial Breathing Exercises (Surgery and Physical Medicine)**
Pathologic, diagnostic, and therapeutic aspects of hemothorax and other disorders of the pleura and pleural cavity (39 min—1946—Color).
- 5018 Thoracic Surgery—Part III: Foreign Bodies in the Pericardium and Heart**
Diagnostic planning, surgical, and postoperative techniques (50 min—1946—Color).
- 5019 Let There Be Light (Neuropsychiatry)**
Use of narcosynthesis, hypnosis, and group psychotherapy (58 min—1946—Film Reference).
- 5020 Removal of Magnetic Foreign Bodies from the Eye**
Acceptable technique—Handling of detached retina case (14 min—1946—Color).
- 5027 Schistosomiasis (Professional Technical Version)**
Three types of schistosomiasis (snail fever)—Geographical habitat, epidemiology, symptomatology, and general control measures—Technical, clinical, and laboratory procedures for diagnosis and treatment of Schistosomiasis Japonica (27 min—1947—Color—Film Reference).

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PMF No.

5028 Sandfly Control

Symptoms, methods, and treatment of skin diseases transmitted by sandfly—Environmental sanitation principles essential to control (33 min—1947—Color—Film Reference).

5030 The Preparation and Insertion of Tantalum Plate (Cranium Insert)

Preliminaries essential to preparation and placement of tantalum plate—Individual cases—Salient operational features (30 min—1946—Color—Film Reference)

5031 Below Knee Amputation

Amputation method useful immediately after injury and in secondary repair of stump (14 min—1946—Color).

5033 Technique of Open Amputation

Procedure on below knee open amputation case—Revision and final plastic repair performed six weeks later—Through explanation of each specific step throughout two operations (11 min—1946—Color).

5034 Therapeutic Exercise—Introduction

Use of planned therapeutic physical movement for specific purpose (17 min—1947—Film Reference).

5037 Abnormal Involuntary Movements

Activating and inhibitory influences on motor centers at various levels of nervous system—Involuntary movement caused by losing control of ability to relax after certain types of lesions (24 min—1947—Commercial Adaptation).

5039 Disorders of Gait

Coordination of motor power—Motor power from muscles controlled by peripheral nerves originating in spinal cord—Motor impulses from brain through pyramidal tract (27 min—1947—Commercial Adaptation).

5044 Facial Palsy

Anatomy of facial nerve—Detailed description of course of upper and lower neuron—Results of lesions in some characteristic sites—Treatment of facial palsy—Spasm during regeneration of facial palsy differentiated from tic twitchings of other etiology (22 min—1947—Commercial Adaptation).

5047 Shades of Grey

Mental disorders which may be experienced during training and combat—Mild anxiety states—Obsessive-compulsive neuroses—Psychosomatic disorders—Severe depressive reactions—Paranoid psychoses (66 min—1948—Film Reference).

5048 Arthropod-Borne Virus Encephalitides

Differential diagnostic measures—Diagnosis, treatment, and control of Japanese B. encephalitis—Proper approach to investigation of problem (34 min—1947).

5051 Therapeutic Exercise—Orthopedics

(28 min—1947).

5052 To Hear Again

General principles of rehabilitation for patients with impaired hearing (38 min—1947—Film Reference).

5053 Therapeutic Exercise—Peripheral Nerve Injuries

(16 min—1947).

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- 5056 Therapeutic Exercise—Thoracic Surgery**
Physical examination—Determining specific remedial activity—Characteristic deformities—Preoperative exercises—General surgical aspects—Postoperative treatment routine—Coughing—Posture—Progressive stages of exercises—Heat and ultraviolet—Measurements of range of motion—Overcoming a definite weakness or loss of function—Heavy resistance phase (29 min—1947).
- 5058 The Medical Effects of the Atomic Bomb—Part I: Physics—Physical Destruction—Casualty Effects**
Nuclear fission and general reaction—Thermal energy and mechanical force—Nuclear radiation and ionizing effect—Physical destruction—Casualty effects (32 min—1950—Color).
- 5061 Peripheral Nerve Surgery—Part I: Sciatic Nerve**
Management of typical peripheral nerve injury case of WW II—Follow-up treatment at neurosurgical centers of Veterans Administration (33 min—1947—Color).
- 5062 Cineplastic Operation**
Attaching cords to selected muscle and then to prosthetic appliance so that patient can operate appliance by contracting muscles in amputation stub (18 min—1947—Color).
- 5063 Anterior Acrylic Bridgework**
Fitting dental bridges in which acrylic is used to replace porcelain—Procedures and techniques (39 min—1946—Color—From Navy Film MN 4352A, B, and C).
- 5065 Management and Technique of Pulmonary Lobectomy**
Bronchiectasis of left lower lobe of lungs—Extirpation of diseased lung tissue (31 min—1947—Color).
- 5068 Repair of Recto-Urethral Fistula**
Case of injury to large and small bowel, bladder, urethra, and rectum caused by bullet wounds—Exploratory laparotomy scar, cystostomy, colostomy, and abdominal fistula wounds—Closure of complete fistula by use of Whitehead principle of advancement of rectum (3 min—1947—Color).
- 5069 Simple Anterior Closure of Transverse Colostomy (Right Side)**
Right side colostomies less frequent than left side colostomies—Similarity of procedures followed in anastomosis—Typical problems and applicable surgical techniques—Some WW II developments in surgical management of colostomies (23 min—1947—Color).
- 5070 Simple Anterior Closure of Colostomy**
(10 min—1947—Color).
- 5071 Pinta**
Various stages of chronic, disfiguring skin disease—Diagnosis—Spirochetal etiology—Good results with arsenical and penicillin therapy (18 min—1948—Color).
- 5073 Construction of Screw Lock Sectional Splint**
Case of facial injury including fracture of mandible, comminuted, compound, requiring additional bone to restore contour of mandible—All phases of fixation, grafting, and replacement (17 min—1947—Color).
- 5075 Reconstruction of the Lower Lip and Chin**
Case of destruction by shell fragments of two-thirds of lower lip, chin,

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and mandible—Method and phases of restoration (20 min—1947—Color).

5076 Lumbar Sympathectomy (Ganglionectomy)

Various applications—Types of conditions likely to be benefited—Procainization of structure to be removed—Operative procedure—Details of removal of sympathetic chain—Anatomic and physiologic defects produced by removal of certain portions of chain—Ordinary anatomic demonstration on cadaver (33 min—1948—Color—Film Reference).

5077A Inside the Cell—Part I: Enzymes in Intracellular Chemistry

Concept of intracellular enzymatic action—Biochemical phenomena illustrated by animation—Laboratory technique of several Nobel prize winning scientists (40 min—1949—Color).

5077B Inside the Cell—Part II: Regulation of Enzymes

Factors regulating enzyme action (43 min—1952—Color).

5081 Transplantation and Anastomosis of Radial Nerve

Case of severed left radial nerve which was sutured but recovery failed to ensure—Clinical findings—Technique used to accomplish repair (9 min—1948—Color).

5088 Peroneal Nerve Anastomosis at the Knee

Case of peroneal nerve severed at bend of knee with evident foot drop and loss of sensation on dorsum of foot—Technique used to effect repair—Necessity for gently curving incision to prevent later keloid formation or contracture by avoiding flexion creases in popliteal space (7 min—1948—Color).

5096 Neurorrhaphy of Median and Ulnar Nerves in the Left Forearm

Left forearm shell fragment case with severed median and ulnar nerves—Complete clinical examination details—Procedure to accomplish repair (14 min—1948—Color).

5097 Technique of Tantalum Cranioplasty

Typical problems in cosmetic correction of skull defects by means of tantalum cranioplasty—Technique of formation and insertion of tantalum plates (40 min—1948—Color).

5102 Neurorrhaphy of Median and Ulnar Nerves in Midarm

Detailed preoperative evaluation of damage to right midarm traversed by bullet—Surgical repair of median and ulnar nerves (12 min—1948—Color).

5103 Arterial Disorders in the Upper Extremity and Their Treatment by Sympathectomy

Indications, clinical factors, operative treatment, and precautions (30 min—1950—Color).

5104 Partial Neurorrhaphy of the Sciatic Nerve in the Buttock

Injury to peroneal component of sciatic nerve resulting from bullet wound—Precautions and precision essential to proper surgical management (12 min—1946—Color).

5110 Radioactivity—Laboratory Demonstrations

Elementary principles of radioactivity—Instruments used in the laboratory for detection and counting (17 min—1949—Color).

5111 Cushing's Experiment in the Dog

Essential details—Respiratory and circulatory effects of pressure on

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- the brain, such as that resulting from brain tumors (14 min—1949—Color).
- 5112 Respiratory Reflexes Demonstrated in the Rabbit**
Some of the simpler respiratory reflexes and their pathways (13 min—1949—Color).
- 5114 Rickettsiae—Laboratory Procedure for Their Isolation and Identification**
For students taking basic science course—Step-by-step technique of laboratory diagnosis of rickettsial disease—Gross pathology compared with normal—Fundamentals of sterile technique (47 min—1949—Color—Film Reference).
- 5116A Time Out: Occupational Therapy in Tuberculosis**
Usefulness of occupational therapy for patient's morale and rehabilitation—For orientation of patients, hospital personnel, and nonprofessional adult groups (26 min—1949—Film Reference).
- 5116B Occupational Therapy in Problems of Motion**
Conditions involving joint limitation, muscle weakness, and incoordination—Occupational therapy contributing to restoration of function (23 min—1950—Film Reference).
- 5116C Journey to Reality (Occupational Therapy for Acute Psychotics)**
Six patients with typical psychotic reactions at time of admission to hospital—Histories—Occupational therapy treatment—Medical officer's responsibility for prescribing and guiding therapy—Introduction to simple occupational therapy procedures (40 min—1950—Film Reference).
- 5117 Tibial Nerve Anastomosis in the Lower Calf**
Tibial nerve damage resulting from missile that traverses midcalf region, leaving plantar muscle paralyzed and sole of foot anesthetic—Technique of surgical repair—Anatomical considerations—Precautions and physiotherapy (8 min—1949—Color).
- 5118 The Diagnosis of Peripheral Nerve Injuries**
Significant clinical findings of 12 cases of various nerve injuries (16 min—1949—Color).
- 5124 Ascariasis (Infestation with Ascarids)**
Details of life cycle of ascarids in swine—Reference to many other species (13 min—1949).
- 5132 Method of Repair of Posterior Tibial Nerve**
Repairing long defects in peripheral nerve—Bridging large gap in tibial nerve by wide dissection and flexion of knee joint (10 min—1949—Color—Film Reference).
- 5133 Ulnar Nerve and Soft Tissue Defect and Simultaneous Repair in the Forearm**
Method of accomplishing simultaneous repair of soft tissue defect and ulnar nerve defect in forearm (10 min—1950—Color).
- 5136 Benign Dental Tumors**
Histories, diagnoses, characteristics, treatments, and results of cases of benign dental tumors (29 min—1950—Color).
- 5137 Malignant Oral Tumors**
Lesions which occur in oral cavity and adjacent structures (40 min—1950—Color—Film Reference).
- 5140 Hereditary Ataxia**
Hereditary and clinical characteristics of this group of neurological

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disorders—Earliest and most common complaint—Later disease development—Signs of late stages—Diagnoses (31 min—1949—Color).

5141 The Feeling of Rejection

Case history of 23-year-old girl suffering from physical disorders without physical cause—Treatment by psychiatrist establishes root of trouble—Understanding problem, patient handles it in manner leading to new and healthier habits of behavior (21 min—1951—Film Reference—Commercial Adaptation).

5142 The Feeling of Hostility

Factors that produce feelings of resentment and hostility in personal relationships (31 min—1951—Film Reference—Commercial Adaptation).

5143 Atomic Medical Cases—Japan—WW II

Documentary evidence of medical problems resulting from atomic explosions at Hiroshima and Nagasaki—Pathological specimens shown in microscopic section—Use of remaining doctors and nurses to greatest advantage in carrying out first aid and medical service (37 min—1949—Film Reference per list No. 86—Withdrawn from sale through United World Films, Inc.).

5144 Nursing in the Tropics

Intended for nurses, doctors, and other hospital personnel—Realistic problems incident to living and working in a military hospital in the tropics—Problems of preventive medicine and aseptic techniques considered—Special emphasis placed on nursing procedures involved in treating gastrointestinal disorders, fungus infections, malaria, and dengue fever (29 min—1952).

5145A The Radioisotope—Part I: Fundamentals of Radioactivity

This introduction to the series dealing with the theoretical and practical aspects of the radioisotopes is designed for doctors, medical researchers, pharmacologists, toxicologists, enzymologists, physicists, chemists, physiologists, agronomists, soil chemists, radiologists, entomologists, engineers, plant managers, metallurgists, and health physicists—Part I establishes the basic concepts in the field of nuclear physics that are pertinent to an understanding of radioisotopes (59 min—1951).

5145B The Radioisotope—Part II: Properties of Radiation

This film (1) Explains the characteristics and properties of primary and secondary nuclear radiations in terms of their ionizing effect—(2) Introduces concepts concerning the effect of matter on radiation so that absorbing materials can be used wisely to measure radiation characteristics or to shield against their biological effects—(3) Acquaints the audience with the terminology and presentation of data as a prerequisite to practical measurement (68 min—1952).

5145C The Radioisotope—Part III: Practical Procedures of Measurement

Consideration of various measurement apparatus and techniques—Absolute and comparative measurement (48 min—1951).

5145D The Radioisotope—Part IV: Methodology

Underlying principles and practical considerations governing tracer usage and design of tracer experiments—Establishment of seven criteria of tracer methodology by means of illustrative experiments (40 min—1951).

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5145E The Radioisotope—Part V: The Physical Principles of Radiological Safety, Sections I and II

Live action and animation explain ionizing characteristics of alpha, beta, and gamma radiation from external and internal sources—Roentgen and roentgen measurement—Maximum permissible exposure, both general and localized—Principles and formulas for calculation of exposure from internal sources—Problems of uniform and localized exposure by single and by continued uptake—Effect of physical decay and biological elimination on dosage rate—Concept of biological half-life and effective half-life (Sec. I, 25 min—Sec. II, 26 min—Total 51 min—1954).

5145F The Radioisotope—Part VI: The Practice of Radiological Safety

Practical considerations and techniques involved in safe handling of radioisotopes—Basic principles of safety as outlined in the Bureau of Standards Handbook—Layout of typical high-level radioisotope laboratory—Protective clothing and metering equipment—Control of exposure—Decontamination—Monitoring—Shielding techniques (33 min—1952).

5147B The Radioisotope—Part XII: Agricultural Research

Showing three classes of radioisotope work—The use of a high-energy, beta-emitting radioisotope, such as Phosphorus 32, in large-scale field tests of fertilizers—The use of radioisotopes such as Cobalt 60, in micro-nutrient studies with large domestic animals—The use of low-energy beta emitters, such as Calcium 45, in major nutrient problems and autoradiography (40 min—1952).

5147C The Radioisotope—Part XIII: General Sciences

The Radioisotope as a research tool that is adaptable to tracer investigations in all branches of general science—Introductory experiment of self-diffusion of metals—Nine additional experimental problems solved through the use of tracers—Primary fields of general science include metallurgy, chemistry, biochemistry, and plant physiology (46 min—1952).

5148 The Medical Effects of the Atomic Bomb—Part II: Pathology and the Clinical Problem

Mechanism is thermal, traumatic, and radiation effects—Clinical observations—Diagnosis and prognosis—Pathological material for illustrative purposes (37 min—1950—Color—Technical film for professional personnel only).

5152A Psychiatric Interview Techniques

through Part I thru XXI—respective running times: A-44; B-18; C-12; D-25; E-35; F-19; G-38; H-26; I-43; J-58; K-20; L-23; M-32; N-31; O-26; P-27; Q-52; R-36; S-25; T-49; and U-44 min (1950—Very limited distribution to pertinent army medical installation).

5166 Electrocardiography

Use of cathode-ray oscilloscope to show magnitude and direction of galvanometer deflections caused by changing relative position of two oppositely charged points within a conducting fluid—Mathematical explanations relating human electrocardiogram to Einthoven's hypothesis (10 min—1949—Color—Film Reference).

5167 Heat Disorders—Heat Exhaustion, Heat Stroke, and Heat Cramps

Causes, symptoms, treatment, and preventive measures for heat exhaustion, heatstroke, and heat cramps—Physiological aspects of Undue

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Heat Load—Metabolic heat—Heat exchanges by radiation, convection, conduction, and vaporization—Body temperature regulation by nervous system, sweat glands, and circulatory system (25 min—1952).

5171 The Surgical Treatment of Carotid Body Sensitivity in Man

Surgical correction of carotid body sensitivity—Comparison of pre-operative and postoperative conditions—Details of surgical procedure (20 min—1951—Color).

5175 Gelfoam in Surgery

Use of Gelfoam (R) surgical hemostasis—Examples selected from several operative procedures (27 min—1949—Color—Film Reference—Commercial Adaptation).

5188 Intramaxillary Loop Wiring in Treatment of Jaw Fractures

Technique of applying intramaxillary multiple loop—Case history of 20-year-old male with fracture of right mandible—Complete wiring procedure in the case of this patient (28 min—1951—Color).

5189 Dento-Alveolar Surgery, Removal of Impacted Mandibular Third Molar by Controlled Sectioning

Showing theory of controlled sectioning on simple mesio-angular impacted third molar (10 min—1952—Color).

5191 Dento-Alveolar Surgery, Excision of Chronic Periapical Infections

Case report of dental treatment of chronic periapical abscesses with a persistent, draining, cutaneous fistula—Method of making muco-periosteal flap, excision of incisor teeth, window in labial cortex, and removal of pathological lesion (8 min—1952—Color).

5196 Intramedullary Fixation of the Femur

Techniques detailed (23 min—1951—Color).

5200 Breast Cancer

Symptoms, clinical diagnosis and treatment—Early treatment and diagnosis (34 min—1951—Color—Commercial Adaptation).

5201 Cancer—The Problem of Early Diagnosis

Early diagnosis and treatment of cancer of the breast, stomach, rectum, cervix, and lung (31 min—1951—Color—Commercial Adaptation).

5203 Caesarean Section—Extraperitoneal Pfannensteil Incision

Case history (23 min—1952—Color).

5204 Caesarean Hysterectomy (Porro)

Surgical procedures for Caesarean hysterectomy with anatomical landmarks throughout the operation clearly indicated (17 min—1952—Color).

5206 Caesarean Section—Extraperitoneal with Cherney Modification

Case history (23 min—1952—Color).

5207B Caesarean Section, Low Cervical Paramedian Incision

Actual case history—Clearly indicating anatomical landmarks (22 min—1952—Color).

5208 Thoracic Surgery—Thorcoplasty, 1st Stage and 2d Stage in the Treatment of Pulmonary Tuberculosis

First stage of a thorcoplasty on 26-year-old male patient with pulmonary tuberculosis—Case history for 34-year-old female tubercular patient who has already undergone the first stage of a thorcoplasty and the second stage of this patient's thorcoplasty is demonstrated—Nar-

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- rative explanation of the two case histories and surgical procedures involved (23 min—1951—Color).
- 5210 Thoracic Surgery—Decortication in the Treatment of Tuberculosis Pleuritis**
Self-explanatory title (23 min—1952—Color).
- 5212 The Heart—Cardiovascular Pressure Pulses and Electrocardiography**
Case history (35 min—1952—Color—Commercial Adaptation).
- 5217 Dento-Alveolar Surgery, Alveolectomy after Multiple Extraction of Teeth**
Demonstrating surgical procedures for establishing a ridge of uniform height with smooth, even contour after multiple extractions (6 min—1952—Color).
- 5218 Dento-Alveolar Surgery, Alveolectomy in Extraction of Isolated Teeth**
Surgical removal of bone containing isolated teeth and procedure for proper contouring of soft tissues (11 min—1952—Color).
- 5219 Dento-Alveolar Surgery, Alveolectomy and Multiple Pathology**
Problems in removal of teeth from pathological bone and proper repair of ridge tissues (18 min—1952—Color).
- 5220 Dento-Alveolar Surgery, Excision of Mandibular Tori**
Preferred procedures for reduction of lingual tuberosity and for proper retention of dentures (12 min—1952—Color).
- 5221 Dento-Alveolar Surgery, Excision of Gingival Hypertrophy**
Surgical procedures and correction of dental ridge hypertrophied and flabby due to ill-fitting dentures (6 min—1952—Color).
- 5226 Caesarean Sections**
Demonstrating the surgical techniques used in performing such caesarean sections as, classical caesarean section, low cervical section, extraperitonean section, and caesarean hysterectomy (43 min—1953—Color).
- 5227 Introduction to Occupational Therapy**
Case histories illustrate value and application of this interest-motivated activity with a therapeutic purpose (20 min—1954).
- 5229 Dental Activities, Walter Reed Army Medical Center**
Principal source of in-service professional dental training for Army and Air Force officers—Walter Reed Army Hospital, Central Dental Laboratory, and Army Medical Service Graduate School comprise the dental activities—Scope, functions, and varied aspects of dentistry (18 min—1953—Color—Film Reference).
- 5230 Uterine Cancer: The Problem of Early Diagnosis**
Regular routine pelvic examination by general practitioner of all female adults would reduce the number of fatalities due to cancer of the uterus—Cytologic method of screening and verification of malignant tumors by tissue biopsy (21 min—1952—Color—Commercial Adaptation).
- 5289 Presacral Pneumonography**
A new technique which permits visualization, by means of X-ray, in the retroperitoneal space, particularly the adrenal and kidney glands (10 min—1954—Color—Film Reference).
- 5299 Combat Psychiatry—The Battalion Medical Officer**
Role of the battalion psychiatrist—How typical cases of combat

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fatigue can be recognized and treated—Emphasis on prevention of manpower losses due to psychiatric causes (37 min—1955—From Navy Film MN 7499a).

5300 Combat Psychiatry—The Division Psychiatrist

Fundamental principles and practices of combat psychiatry—Role of the division psychiatrist, showing how he diagnoses and supervises treatment and reassignment of NP patients (33 min—1955—From Navy Film MN 7499b).

5301 Hemorrhagic Fever—Clinical Features

Clinical and pathological findings of epidemic hemorrhagic fever—Current opinion on spread, cause, and control of the disease (45 min—1955—Color).

5304 Debridement—Part I—Multiple Soft Tissue Wounds

Adequate and minimal skin incision, incision of fascia, excision of devitalized tissue, complete hemostasis, primary closures and dressings (12 min—1957—Color—Film Reference).

5305 Debridement—Part II—Wounds of the Extremities

Eight different wound cases shown to demonstrate techniques of cleaning wounds and removing devitalized tissue and other foci of infection (33 min—1956—Color—Film Reference).

5306 Initial Surgery of Abdominal Wounds

Recommended surgical techniques used under combat conditions in Korea in the initial treatment of various types of abdominal wounds (30 min—1956—Color—Film Reference).

5315 Radical Retroperitoneal Node Dissection in the Treatment of Testicular Tumors

Dissection of germinal tumors—Seminoma, embryonal carcinoma, teratocarcinoma, and choriocarcinoma—Clinical and microscopical analysis (20 min—1957—Color).

5316 The Effect of Ionizing Radiation on Domestic Animals

Development of symptoms in burros—Radiation and physiological changes in biochemistry, hematology, histopathology, and radiometric laboratory (22 min—1957—Distribution primarily to CF&EEs).

5318 Management of Burns—Part I—Supportive Care

Rules of Nines method of diagnosing burns is defined—Minor, moderate, and critical injuries—Initial hospital procedures for treating burns—Importance of building patient's morale is emphasized (18 min—1958—Color).

5319 Management of Burns—Part II—Local Care

Local care of burned patients in dressing and operating rooms—Essentials of supportive care—Cleansing wound—Debridement of skin—Occlusive dressing treatment—Skin grafting—Air treatment—Importance of preventing contamination of wound and changing dressings (15 min—1958—Color).

5320 Management of Burns—Part III—Skin Grafting

Skin grafting of limbs, hands, and body areas—Autografting and homografting techniques—Sheet method and postage stamp method of grafting (21 min—1959—Color).

5321 Management of Burns—Part IV—Rehabilitation

Optimum nutrition, hydrotherapy; infrared and ultraviolet light treat-

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ment; massage; exercise; functional retraining; occupational therapy (9 min—1959—Color).

5322 Animals for Research

Methods and factors in maintaining a disease free colony—Techniques and equipment used in breeding—Procedures in transporting the animals to research laboratories (28 min—1958—Color).

5323 Early Care of the Patient With a Spinal Cord Injury

Placement on litter and evacuation; traction for fractures; surgery for wounds; physical medicine and care; use of Stryker Frame; occupational therapy (17 min—1960).

5324 A Method of Teaching Combat Surgery

New method of teaching principles and technique of traumatic surgery in combat—Old didactic method of instruction—New method as applied to debridement—Actual combat conditions are simulated in laboratory (16 min—1958—Color—Distribution to Central Film and Equipment Exchanges in CONUS and overseas).

5325 Electromyograph Procedures

Discusses the clinical application of electromyography in the diagnosis, treatment, and prognosis of neuromuscular disorders, and demonstrates the technique of operating the machine—Treatment of lower motor neuron and spinal cord pathology, myotonia congenita and acquisita, and hysterical paralysis (18 min—1958—Distribution to Central Film and Equipment Exchanges in CONUS and overseas).

5326 Hearing Evaluation and Rehabilitation

Physical and emotional rehabilitation at Audiology and Speech Center, Walter Reed Hospital—Hearing loss and speech evaluation tests—Hearing aid evaluation and training—Speech training (24 min—1960).

5327 Nephroureterectomy

Clinical diagnosis of ureter infection; surgical procedure used in a nephroureterectomy—Removal of left kidney with infected ureters shown (26 min—1960—Color).

5328 Gingivectomy

Clinical aspects of a gingival condition of the gums; surgical technique used in performing a gingivectomy (16 min—1960—Color).

5329 Three-Quarter Anterior Crown

Clinical technique for preparing and fitting a three-quarter crown on a maxillary anterior tooth (38 min—1960—Color).

5330 Correction of Mandibular Prognathism by Vertical Sliding Osteotomy

Clinical manifestations and surgical techniques and procedures used to correct the condition (29 min—1960—Color).

5331 Technique of Biceps Cineplasty

Clinical diagnosis; surgical technique; physical therapy, fitting of the prosthesis, and prosthesis training after surgery (26 min—1960—Color).

5332 Transperitoneal Bilateral Lymphadenectomy for Testis Tumor

Surgical techniques for making incision and performing dissection; advantages and technique of the midline transperitoneal approach (12 min—1960—Color).

58. Army Research and Development Films (R&D)

Army Research and Development Films (R&D) are intended to inform major army commanders and their staffs of current progress

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in the fields of army firepower, mobility, communications, combat materiel, and human factors resources.

R&D No.

PR No. 1 United States Army Research and Development—Progress Report Number One

Capabilities and tactical use of latest weaponry and equipment (ground and air); current research projects—Aircraft, Army boots, fire-fighting suit, and missiles (28 min—1960—B&W and Color).

1 Army Research and Development—R&D Film Report No. 1 (U)

(29 min—1957—Color—Distribution limited to one print to each Central Film and Equipment Exchange in CONUS and overseas and one print to selected organizations concerned with research and development—Film is classified SECRET).

2 Army Research and Development—R&D Film Report No. 2 (U)

(29 min—1957—Color—Distribution limited to one print to each Central Film and Equipment Exchange in CONUS and overseas and one print to selected organizations—Film is classified SECRET).

3 Army Research and Development—Film Report No. 3 (U)

(20 min—1957—Color—Film is classified SECRET.)

4 Army Research and Development—Film Report No. 4 (U)

This film is classified SECRET—Special handling required—Not releasable to Foreign Nationals except UK and Canada (26 min—1958—Color—Supplementary Distribution).

5 Army Research and Development—Film Report No. 5—Army Research in Greenland (U)

This film is classified CONFIDENTIAL—Special handling required—Not releasable to Foreign Nationals except UK and Canada (22 min—1958—Color—Distribution to Central Film and Equipment Exchanges).

6 Army Research and Development—Film Report No. 6 (U)

This film is classified SECRET-RESTRICTED DATA—Special handling required—Not releasable to Foreign Nationals—No exceptions (25 min—1958—Color—Distribution to Central Film and Equipment Exchanges in CONUS and overseas and pertinent Service Schools).

7 Army Research and Development—Film Report No. 7 (U)

(29 min—1958—This film is classified SECRET-RESTRICTED DATA—Special handling required—Not releasable to Foreign Nationals—Exceptions: None—Distribution to Central Film and Equipment Exchanges and Service Schools.)

8 Army Research and Development—Film Report No. 8 (U)

This film is classified SECRET—Special handling required—Not releasable to Foreign Nationals except UK and Canada (27 min—1959—Color—Distribution to Central Film and Equipment Exchanges and special Service Schools).

9 Army Research and Development—Film Report No. 9 (U)

(24 min—1959—Color—Film is SECRET—Special handling required—Not releasable to foreign nationals—Exceptions: UK and Canada—Distributed to CF&EEs and pertinent service schools.)

10 Army Research and Development—Film Report No. 10 (U)

(24 min—1959—Color—Film is SECRET RESTRICTED DATA—

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R&D No.

Atomic Energy Act 1954—Special handling required—Exceptions: None Limited to CF&EEs and designated service schools.)

- 11 Army Research and Development—Film Report No. 11 (U)**
(25 min—1959—Color—Film is classified SECRET—Special handling required—NOFORN Exceptions: UK and Canada.)
- 12 Army Research and Development—Film Report No. 12 (U)**
Goers Cargo Carrier Tanker (U); Tank, Main Battle, M60(C)—Self-propelled 155mm Howitzer, T196(C)—Intestinal Biopsy Capsule (U)—Claymore Mine, T48E1(C)—Gravel Mine(S)—Surveillance Radar, AB,AN/APS-85(U)—AN/APQ-86(C)—Infrared Detecting Set AN/AAS-5(C)—Pershing Captive Test(S)—Zeus Firing Test(S) (29 min—1960—Color—Film classified SECRET—Special handling required—Not releasable to Foreign Nationals—Exceptions: UK and Canada).
- 13 Army Research and Development—Film Report No. 13 (U)**
(28 min—1960—Color—Film is CONFIDENTIAL—Special handling required—Not releasable to Foreign Nationals—Exceptions: UK and Canada by Auth Chief, R&D, 1 March 60.)
- 14 Army Research and Development—Film Report No. 14 (U)**
(28 min—1960—Color—Film classified SECRET—Special handling required—NOFORN—Exceptions: UK and CANADA.)

59. Staff Film Reports (SFR)

Staff Film Reports (SFR) are newsreel-type films of the Korean conflict. Weekly distribution of these films was discontinued with the release of SFR 185. Future issues will be released as timely material warrants.

SFR No.

- 14** (22 min—August 1944—Film is classified CONFIDENTIAL—There is also an unclassified version.)
- 16** (34 min—August 1944—Film is classified SECRET—There is also an unclassified version.)
- 21** (31 min—September 1944—Film is classified CONFIDENTIAL.)
- 22** (36 min—October 1944—Film is classified CONFIDENTIAL.)
- 28** (25 min—November 1944—Film is classified SECRET.)
- 32** (22 min—December 1944—Film is classified SECRET.)
- 37** (28 min—January 1945—Film is classified SECRET.)
- 40** (38 min—February 1945—Film is classified CONFIDENTIAL.)
- 42** (32 min—February 1945—Film is classified CONFIDENTIAL.)
- 102** Korea, 24 June through 4 July 1950—Evacuees arrive in Japan—South Koreans reorganize and leave for Suwon front—C-54's unload supplies for South Korean Army at Suwon—Gen Douglas MacArthur flies to war zone—Battalion of 24th Infantry Division lands in Korea—South Koreans greet new arrivals at Taejon—Trainload of fighting equipment moves forward—US troops encounter enemy tanks—US Navy orders aircraft carrier USS PHILIPPINE SEA from San Francisco to Pearl Harbor with jet fighters—Sea movement of 24th Infantry Division gets underway (14 min—1950).
- 103** Defense line 5 miles south of Seoul held by South Koreans—US troops move up front from Taejon—LST unloads troops and equipment at Pusan—

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SFR No.

- South Korean labor repairs airstrip—US infantry withdraws—US artillerymen in action—First US tanks head toward front—Lt Gen Walker and Maj Gen Dean confer—Captured Russian-made equipment—M-24's of 24th Infantry Division move closer to front—US 150mm howitzer in action—Russian-made tanks knocked out—North Korean PW examined by UN delegates—Korean home guard with wooden guns—Fifth AAF base in Japan—Twenty-fourth Division troops board planes for flight to Pusan—Major General Dean at 5th AAF base—Jet planes take on large wing tanks—C-46 crew drops propaganda leaflets—B-29 pilots brief at Japan air base—Seventh Fleet in Korean action—British naval commanders board USS ROCHESTER—First Marine Division embarks from Korea—UN flag goes to General MacArthur—North Koreans within 15 miles of Taejon (20 min—1950).
- 104** Quartermaster, Engineer, and Signal units arrive in Korea from Japan—Field artillery of 25th Division arrives in Korea—Pictures of North Korea atrocities and evacuation of wounded—USS BOXER leaves for Korea with Navy and Air Force planes—US Air Force strikes Reds—Army and Air Force chiefs fly to battle zone—UN flag presented to General MacArthur in Tokyo (17 min—1950).
- 105** Two regiments of the 24th Infantry Division destroy Kum River bridge in withdrawal—Nineteenth Infantry Regiment of the 24th Division regroups after heroic stand—Twenty-fifth Division in action at front before fall of Taejon—South Korean 1st Division in action—First Cavalry Division lands at Pohang without enemy opposition—Navy planes of USS VALLEY FORGE strike Korean targets—Battle for Taejon (23 min—1950).
- 106** Korea, 21 July through 26 July 1950—Twenty-fifth Infantry Division, units of 1st Cavalry Division, and South Korean 6th Division in delaying action after Taejon falls—General MacArthur confers with Gen Walker's staff in Korea—USS BOXER makes record Pacific crossing—Navy exhibition team receives combat orders (20 min—1950).
- 107** Korea, 27 July through 4 August 1950—Map shows situation on 27 July—Twenty-fifth Division in central sector—Twenty-fourth Infantry Division and 1st Cavalry Division in south—North Korean Army action in north—Reorientation map of situation as of 31 July—General MacArthur visits Okinawa and Formosa—Army engineers blow up bridge in central sector—F-80 jet planes strafe North Korean targets—B-29 raid by 19th Bomber Group on Korea—Additional combat film—Late situation map as of 4 August 1950 (26 min—1950).
- 108** Korea, 4 August through 7 August 1950—Air activity through 10 August—Map shows situation of UN forces as of 4 August—Twenty-seventh Infantry Regiment, 25th Division, regroups—Five hundred twenty-second Signal Company lays cable with South Korean civilian help northwest of Pusan—Tanks and artillery arrive at Taegu—Aerial activity along Naktong River—Preparations for B-29 strike against Wonsan—Aircraft carrier USS PHILIPPINE SEA—Activity in Pusan harbor—meeting in Washington to strengthen North Atlantic defenses—Late map shows situation on 7 August 1950 (26 min—1950).
- 109** Korea 7 August through 18 August 1950—Map shows situation on 7 August—Interrogation of communist prisoners—Activity on control front—Trapped communists under artillery and mortar fire—Guarding the Naktong line—Attack toward Chinju—Marine troops moving up—Captured com-

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SFR No.

- munist artillery—Tanks in action—Air Force and Naval air activity from 14 to 18 August—Strike by Navy Task Force 77—Late situation map as of 28 August (39 min—1950).
- 110** Korea, 18 August through 24 August 1950—Map as of 18 August—First ROK Division moves north of Taegu—Destruction in Pohang—Twenty-seventh Ret troops under mortar fire—Knocked out communist tanks—US Army Ordnance Depot in southern sector—Fifth Cavalry Regiment retakes Hill 303—First Marine Brigade gets ready to regroup in Miryang—Marine Corsairs strafing—Air Force strikes and Navy air-sea action from 21 to 24 August—General Collins visits Korean battlefield—Late situation map as of 1 September 1950 (27 min—1950).
- 111** Korea, 24 August through 1 September 1950—Map of ground situation as of 24 August—Action near Masan on 25 August—Tanks serving as artillery—Interrogation of prisoners—Captured Russian weapons—South Korean engineers make barbed wire concertina near Yongchon—Action near Waegwas—Tanks and 1st Cavalry Division troops in central sector action—Two British infantry battalions arrive at Pusan—Propaganda leaflets dropped over North Korea—UN naval and air force activity from 24 August to 1 September—Late map shows situation as of 11 September (33 min—1950).
- 112** Korea, 30 August through 7 September 1950—Map shows combat situation on 1 September—24th Infantry Division in vicinity of Pohang—British troops move into combat near Nakdong River on 4 September—South Korean troops have chow with American GIs—Troops of 2d Division in combat near Yongsan, 2 September—B-29's strike north of 38th parallel—Carrier planes strike inland Korean targets—Demonstration of Russian machinegun—Late map shows situation as of 18 September (27 min—1950).
- 113** (24 min—September 1950—Film is classified CONFIDENTIAL.)
- 114** Korean ground situation on 14 September 1950—Map of naval action, 14 through 17 September—Invasion of Wolmi by US Marines—Capture of Inchon and start of Marine advance toward Seoul—Map of overall situation on 25 September 1950—Final map of situation on 2 October 1950 (37 min—1950).
- 115** Ferrying troops and vehicles across Nakdong—Problems facing advancing troops—Enemy mines, roadblocks, pockets of resistance, captives, and refugees—Unloading supplies at Pusan—Making napalm bombs—Arrival of Philippine troops at Pusan—Australian troops leaving for Korea—A Korea-bound Swedish hospital unit arriving in New York—Situation map shows action north of 38th parallel on 9 October 1950 (20 min—1950).
- 116** Korea, 25 September through 16 October 1950—UN forces encircle Red troops in south—Recapture of Seoul—Seven mile advance beyond 38th parallel—Maps illustrate changing situation (29 min—1950).
- 117** Korea, 2 October through 9 October 1950—Maps indicate changing situation—ROK Army moves beyond 38th parallel—UN forces in South Korea in mopping up operations (26 min—1950).
- 118** Korea, 9 October through 16 October 1950—Korean battlelines as of 30 October 1950 (20 min—1950).
- 119** Korea, 16 October through 23 October 1950—Maps show combat situation at beginning and end of period—First Cavalry units capture Pyongyang on 20-21 October, 187th Regiment of 11th Airborne Division drops with

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- heavy equipment north of Pyongyang to cut off fleeing Reds—Gen MacArthur observes jumps from his plane—Paratroopers joined by tanks of 1st Cavalry driving north through Pyongyang—Reconstruction activities at Seoul—Communist atrocities at Hamhung—Map shows battle situation as of 6 November (25 min—1950).
- 120** Korea, 23 October through 30 October 1950—US 10th Corps makes unopposed amphibious landing at Wonsan, 26 October—Marines get vehicles, tanks, and equipment ashore—Destruction by strategic bombing of Wonsan railroad yards and oil refineries—Seventh Infantry Division's amphibious landing at Iwon, 29 October—Former prisoners of North Koreans await evacuation to Japan—Late situation map of 13 November (21 min—1950).
- 121** Korea, 30 October through 6 November 1950—Battlelines as of 20 November—US 1st Marine Division fans out after establishing Wonsan Beachhead—Delivery of supplies by LSTs on 30 October—Captured Chinese Reds marched into port area—Specialist training—Evacuating US wounded—Al Jolson entertains patients at hospital in Japan—American Ordnance Association at Aberdeen, Md. shows Russian and American tanks and weapons (27 min—1950).
- 122** Carrier USS PHILIPPINE SEA in rough weather, covered with snow and ice, receiving supplies, and refueling as winter arrives in Korea—Effects of B-29 attacks against large oil refinery at Hungnam, 24 August—US winter uniforms displayed at Washington, D.C., and compared with captured quilted uniforms—Air Force tests new pack plane, Fairchild XC-120, at Hagerstown, Md.—Map shows our units falling back in face of growing Red resistance, 27 November (15 min—1950).
- 123** Korea as of 13 November 1950—Combat scenes of US 24th Division—Elements of 1st Marine Division move toward Changjin reservoir—Thailand troops training in Korea with US arms and equipment—Air Force tests at Wright-Patterson Air Force Base, Ohio—C-54 transport towing helicopter—Map shows UN troops fighting Chinese as well as North Korean Communists, 4 December (18 min—1950).
- 124** Korea as of 20 November 1950—US 7th Division troops reach Manchurian border, 21 November—Thanksgiving dinner at front and rear areas—Gen MacArthur visits front 24 November—C-47 transports drop supplies and equipment to advancing troops—F-80's strike enemy targets—Air Force demonstration at Muroc Air Base of new F-86E Saberjet fighter—Map shows battlelines as of 11 December (19 min—1951).
- 125** (8 min—December 1950—Film is classified CONFIDENTIAL.)
- 126** Korea, 4 December through 11 December 1950—Changing battle situation—US 1st Marine and 7th Infantry Divisions hold on to a small snow-packed airfield in northeast Korea until all casualties are flown out—Supplies, including bridge sections, dropped by cargo planes—Dutch troops train in Korea with US weapons—Pipeline leading to Kimpo airfield laid at port of Inchon—Army Chief of Staff Gen J. Lawton Collins visits Japan and Korea for conferences with Gen MacArthur and his field commanders—Late situation map of UN Forces as of 26 December (21 min—1951).
- 127** Korea, 11 December through 18 December 1950—Maps show battlelines as of 2 January 1951—Tenth Corps troops break out of mountains in northeast after abandoning positions near Changjin reservoir—Equipment and

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- supplies evacuated—Thousands of troops and Korean refugees at Port of Hamhung—Platoon of 3d Division under fire—Captured film shows modern Russian planes in flight (22 min—1951).
- 128** Korea, 18 December through 26 December 1950—Successful withdrawal from Hungnam of 10th Corps, including 1st Marine, 3d and 7th Infantry Divisions, and South Korea elements—Operation proves possibilities of evacuating an army by sea with as little loss as is sustained in an amphibious landing—Evacuation of 100,000 civilian refugees—Redeployment of 8th Army in Seoul area—Refugees fleeing from Seoul—Troops of 187th RCT in snow bivouac and Suwon—L-5 liaison airplane directs fire for artillery battery of 1st Cavalry Division—Funeral service for Gen Walton H. Walker in Tokyo on Christmas Day—UN naval air patrol around-the-clock operations—Map shows battlelines as of 8 January 1951 (27 min—1951).
- 129** Korea, 26 December 1950 through January 1951—Map shows situation as of 15 January 1951—Port of Hungnam on last day of operations—105,000 troops, 100,000 refugees, 17,500 vehicles, and tons of equipment evacuated—Artillery and mortar help protect beach—Last UN troops blowup bridge, warehouses, and piers—Lt Gen Matthew B. Ridgway, new commander of 8th Army, makes survey of forces under his command—Troops withdrawing across Han River—Refugees clogging roads—Seoul orphans placed aboard C-54's at Kimpo airfield for evacuation (26 min—1951).
- 130** Korea, 2 January through 8 January 1951—Evacuation of troops and civilians from Inchon—Destruction of docks and other facilities—In vicinity of Suwon, troops of 24th Division in rearguard action as UN Forces dig in—Units of 29th British Brigade among last troops to leave Seoul—South Korean recruits embarking for basic training centers—Air base operations at Pusan—Tests made with B-47 jet bomber at Wichita, Kansas—Late situation map shows forces as of 22 January 1951 (21 min—1951).
- 131** Korea, 8 January through 15 January 1951—Maps show changing battle situation—UN troops digging out after heavy snowfall—F-80 shooting starts and B-26 light bombers striking enemy targets—Communists forced to remain in mountains, avoid coastal plains and move only by night—Activities of nurses at a station hospital in Korea—Army Nurse Corps begins 50th year—Late map shows situation on 29 January 1951 (17 min—1951).
- 132** Korea, 15 January through 22 January 1951—UN troops near Wonju, shortening defense lines—Retreating troops burn buildings to deny use to enemy—Gun-camera scenes record strikes against communist targets—C-119B Flying Boxcars drop supplies—Late situation map shows battlelines as of 5 February 1951 (16 min—1951).
- 133** Korea, 22 January through 29 January 1951—UN troops recapture key cities—Gen MacArthur inspects frontline positions—Supplies dropped by squadrons of Far East Air Force combat cargo command retrieved by ground troops—B-36's in England, beginning return flight to Fort Worth, Texas—Basic training of South Korean recruits—Late map shows battle situation as of 12 February 1951 (29 min—1951).
- 134** Korea, 29 January through 5 February 1951—In Suwon area UN troops battle northward toward Seoul—New tactics account for more enemy casualties—Searching Chinese prisoners—First aid—ROK troops advancing—Chinese suicide groups harass advancing UN Forces—Eighth Army troops blast Chinese Reds from hill positions—Navy Corsairs drop napalm bombs—Late map shows battle situation as of 19 February (16 min—1951).

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- 135** Korea, 5 February through 12 February 1951—UN troops advancing to Han River—Red resistance wanes under sustained air-ground attack—Lt Gen Ridgway inspects 25th Division positions—New 81-mm (round base plate) mortar crew in action—US engineers construct log bridge—Late map shows battle situation as of February (21 min—1951).
- 136** Korea, 12 February through 19 February 1951—Artillery of 24th Division firing on Hill 584 as part of operation Killer—ROK troops retreating from Wonju—President Truman at ordnance display at Aberdeen, Md.—Gen Eisenhower arriving in France—British Canberra twin-jet light bomber arriving in US—Late map shows battle situation as of 5 March 1951 (19 min—1951).
- 137** Korea, 19 February through 26 February 1951—Lt Gen Ridgway inspects initial phase of operation Killer—Supplies and ammunition air dropped at front—Trucks and ambulances ferried across Han River—Bridge construction and repair—Ammunition loading by ordnance ammunition company on ship—Late map shows battle situation as of 12 March 1951 (19 min—1951).
- 138** Korea, 26 February through 5 March 1951—UN platoon crossing Han River under fire—UN air force machinegun and rocket strikes recorded by gunsight aiming-point cameras—Ceremonies aboard USS MISSOURI as commanders change—Danish hospital ship JUTLANDIA arriving at Tokyo Bay with volunteer Red Cross detachment—Distribution of Marine Corps League gifts to mothers and children in South Korea—Field assembly of helicopters at Taegu—Late situation map as of 19 March 1951 (20 min—1951).
- 139** Korea, 5 March through 12 March 1951—Units of 24th Division capture strong enemy hill position north of Han River—UN patrol of Greek and US troops seek enemy in advance of operation Killer—Units of 25th Division crossing Han River 7 March—Navy harassing Red supply lines near Wonsan—US and ROK troops taking island in Wonsan harbor—Practice parachute jump by 187th Regimental Combat team near Taegu—Ceremonies at Yokohama harbor for 50 American war dead, including Maj Gen Bryant E. Moore are placed aboard transport—Late situation map as of 26 March 1951 (24 min—1951).
- 140** Korea, 12 March through 19 March 1951—UN troops near 38th parallel—Progress impeded by Red Chinese landmines—Distributing rice rations to 200,000 survivors of 1,500,000 population in Seoul—Psychological warfare personnel dropping surrender leaflets and broadcasting messages to enemy—Helicopter operations in war zone—Late situation map as of 2 April 1951 (18 min—1951).
- 141** Korea, 19 March through 26 March 1951—Paratroopers of 187th Airborne RCT participating in operation Tomahawk jump north of Seoul to cut off retreating Red units—Chunchon entry by tanks of 1st Cavalry Division—Fighter pilot training at Williams Air Force Base, Arizona—Late situation map as of 9 April 1951 (21 min—1951).
- 142** Korea, 26 March through 2 April 1951—Units 25th Division push toward 38th parallel neutralizing sniper resistance—Bad weather and mud hamper units of 7th Infantry Division—Airborne supply continues—Naval bombardment of Wonsan Harbor—Imjin River crossing by 1st ROK Division—Interrogating Chinese prisoners—General Eisenhower's activation command of SHAPE—Late situation map as of 16 April 1951 (19 min—1951).
- 143** Korea, 2 April through 9 April 1951—UN Forces of seven nations at 38th

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- Parallel meet no resistance along 110-mile front—US tank-infantry patrol crosses parallel north of Seoul and brings back Red prisoners—Former Secretary of the Army Pace and 8th Army Commander, Lt Gen Ridgway, arrive in 25th Division area—South of 38th parallel members of reconnaissance tank company encounter difficult road conditions—First Cavalry Division troops pursue Reds in an effort to prevent preparations for a counterattack—Late situation map as of 23 April 1951 (19 min—1951).
- 144** Korea, 9 April through 16 April 1951—Troops of 25th Division blast enemy in central and western sectors—Elements of the 5th RCT eliminate Red positions on key hill with aid of napalm-dropping aircraft—The 40th Division arrives in Yokohama, Japan, for further training and occupation duty—Arrival of Lt Gen Van Fleet in Korea—Crashed B-29's at Seoul airport—Use of 60-inch searchlights by engineer units to make artificial moonlight—Late situation map as of 30 April 1951 (14 min—1951).
- 145** Korea, 16 April through 23 April 1951—British and Belgian troops undertake patrolling action near the Imjin River at 38th parallel—Northwest of Seoul, rangers of Task Force Roger fail to contact enemy—In western sector, and artillery battery undertakes a night mission against Chinese communist troops across 38th parallel—Lt Gen Van Fleet visits the front—Aerial photographic reconnaissance mission of the 3d Division—Quartermaster clothing tests at Fort Lee, Va.—Battle situation as of 7 May 1951 (18 min—1951).
- 146** Korea, 24 April through 30 April 1951—Near the 38th parallel, British and Belgian troops are shown withdrawing as the Red spring offensive gets under way—Rain-soaked US troops withdraw through Uijonbu—Around Seoul, 1st Cavalry Engineers lay a massive antitank minefield, while our armor and artillery prepare to blast the Red hordes pitted against our Lincoln Line—In the heart of Seoul, 155-mm howitzers open up against the advancing Chinese—Evacuation of the sick from Seoul—Flight of refugees from the South Korean capital—Experimental airdrop of VHF radio equipment near Taegu—Late battle situation map as of 14 May 1951 (20 min—1951).
- 147** Korea, 1 May through 7 May 1951—Engineers laying wire and minefield barricades against expected Red onslaught east of Seoul—F-51 Mustangs bomb Red assembly points on Seoul defense line—Coordinated air-ground attacks counteract communists' human wave tactics, and break up May Day offensive—Signal Corps teams in Seoul laying field wire between I Corps HQ and supporting units—UN troops receive food and supplies on Lincoln Line while awaiting Red attack—Continuing artillery bombardment—Swamp rescue tests of the Navy in Florida Everglades—Late battle situation map as of 21 May 1951 (18 min—1951).
- 148** Korea, 8 May through 14 May 1951—Above Seoul, Corsairs and F-51's aided by ground observers, blast the enemy from hill positions—A T-6 Mosquito plane on a reconnaissance mission—Lt Gen Van Fleet presents the Presidential Unit Citation to the surviving members of the 1st Battalion, 29th Gloucestershire Regiment, 29th British Brigade—At Pusan, the first contingent of Ethiopian troops arrives to join the UN forces—Night illumination test, using Fagasse (napalm and gasoline)—Loading of Korean orphans aboard trains as part of the 1st Cavalry Division's Operation Mascot—In Marly Forest, near Paris, workmen construct buildings at the site of SHAPE headquarters—Late battle situation map as of 28 May 1951 (20 min—1951).

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- 149 Korea, 14 May through 21 May 1951—First Cavalry patrol strikes at enemy north of Uijongbu—Two F-51 Mustangs catch fire and burn at airfield near Seoul—Replacement F-51 Mustangs arrive at Yokasuka, Japan, for Korean theater—Air shipment of fresh vegetables from Japan to the front—USS NEW JERSEY arrives in Far East—Cutting hilltop trees in Korea for use as telephone poles—Chaplain activities at the front—Arrival at San Francisco of US veterans of Korean War under Army's rotation policy (20 min—1951).
- 150 Korea, 25-31 May 1951—Defense efforts elsewhere in free world during same period—North of Seoul, 1st Cavalry Division troops advance as Red offensive wanes—Above Han River, 24th Division troops pursue and maintain contact with retreating enemy—Dutch battalion attached to 8th Army digs in at front—F-86's score over enemy jets—Unloading of airborne supplies at Korean airfield—Training Ethiopian troops in Korea—Delivery of MDAP supplies to France and Thailand—Ordnance demonstration at Aberdeen Proving Ground for West Point cadets—Situation map 11 June (20 min—1951).
- 151 Korea, 1-8 June 1951—Events elsewhere concerning defense of US and allies during period—Dutch troops advance near Inje in Korea as last of Red forces are pushed back to 38th parallel—Advance of other UN Forces hampered by mud—Air-dropped supplies—Enemy forces escape across 38th parallel—UN air attacks continue despite rainy weather—Submarine training at US Navy Submarine School, New London, Connecticut—Inspection of Scandanavian defenses by Gen Eisenhower—Situation map 18 June (18 min—1951).
- 152 Korea, 9-16 June 1951—Events elsewhere concerning defense efforts of free world during same period—F-51's give close support to 7th Division troops in blasting enemy from fortified hill positions south of Kumhwa—Enemy receives pounding by 155-mm howitzers of 25th Division in west central sector—US Marines process Red prisoners—US engineers build bridge with heavy equipment near Inje—Bombardment of Wonsan by USS NEW JERSEY and USS MANCHESTER—Ceremonies in Normandy, France, marking 7th anniversary of D-day—Gen Eisenhower proclaims need for strength to keep Europe free from tyranny (13 min—1951).
- 153 Korea, 11-18 June 1951—Tank-infantry patrol of 7th Division attacks Red strongpoint and clears roadblock east of Kumhwa—Air-ground team directs F-51 strikes against enemy on Hill 603—Navy rockets blast shore targets near Wonsan during night firing mission—Signal Corps linemen lay trunkline in eastern sector with assistance of pack mules—Tenth Engineer Corps completes construction of Bailey Bridge ahead of schedule on east central front—Views of stricken Seoul—Experimental jet fighter X-5 at Niagara Falls, N.Y. (14 min—1951).
- 154 Korea, 18-25 June 1951—Turkish infantry unit drives enemy from town above Kumhwa—Trucks bring in supplies along main supply route of 10th Engineer Corps—Ordnance squad detonates aerial torpedo at Hwachon Dam—Chinese bunker construction—Engineer replacements undergo final training during a landing exercise near Inchon—Personnel of 4th Ordnance Battalion perform maintenance and repair functions—First truce parley at Kaesong, 8 July—Situation map 25 June (19 min—1951).
- 155 Korea, 25-30 June 1951—Canadian brigade engages enemy west of Chorwon—UN engineers construct ponton bridge for heavy tanks to cross

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- Imjin River—Captured North Koreans construct a PW camp on island of Koje-Do south of Pusan—Harbor activities at Inchon—Construction of railroad bridge across Han River at Seoul—Highway maintenance operations between Seoul and Yongdungpo—Cease-fire parley at Kaesong—Situation map 1 July (26 min—1951).
- 156** Korea, 1–8 July 1951—Red storage dump blasted by 155-mm self-propelled howitzers of 9th Engineer Corps northwest of Inje—Removal of Korean noncombatants from combat zone at Chorwon by UN personnel—Signal Corps personnel construct a field expedient wire layer—Ordnance personnel conduct field ballistics test on 155-mm howitzer—Situation map 8 July—Maj Gen Pick, Chief of Army Engineers, arrives in middle western sector to supervise armed forces aid in flood-stricken areas—Cease-fire talks continue at Kaesong after enemy accedes to Gen Ridgway's demands for equality of treatment in respect to UN negotiators (21 min—1951).
- 157** Korea, 8–15 July 1951—Situation map 15 July—Marines neutralize enemy positions northeast of Yanggu—M4 tank, bogged down in river, recovered by tank retriever—Cease-fire talks resumed at Kaesong after four days of inactivity (8 min—1951).
- 158** Korea, 15–22 July 1951—Situation map 22 July—Unit of 23rd Infantry Regiment engages in probing action to draw enemy small arms fire northwest of Inje—Victory ship delivers cargo of 105-mm shells at Inchon for rapid delivery to front—on 16 July, as Kaesong peace parley is stalemated, Gen Ridgway gives final instructions to Admiral Joy at UN peace camp at Mussong (11 min—1951).
- 159** Korea, 22–29 July 1951—Situation map 29 July—Plan Switch executed by 24th Division (regimental combat team) to place false information in enemy hands—Washout of Imjin River bridge impedes passage of UN peace convoy—Peace negotiations at Kaesong (9 min—1951).
- 160** Korea, 29 July–5 August 1951—Situation map 5 August—Riflemen of 2d Division attack Hill 1179 north of Yanggu—Fifth regiment combat team takes enemy hill near Chirpuri—Damaged M4 tank removed by tank retriever—UN engineers clear road of mines and roadblocks north of Yanggu—South Korean refugees gather on south shore of Han River for screening to re-enter Seoul—Rockblasting mission by army engineers to widen pass near Inje—Violation of neutrality at Kaesong by presence of armed Chinese troops (19 min—1951).
- 161** Korea, 6–13 August 1951—Events dealing with defense efforts of free world—Erection of VHF station near Hamchon—C-119 cargo planes drop drums of napalm over Japanese target area in practice raid—Rescue of army officer marooned on section of ponton bridge adrift near Munsan peace camp—Vice Admiral Joy flies by helicopter to Kaesong as enemy presses charges of violation of conference site by UN bombers—Alpine and armored cavalry units carry out realistic maneuvers with equipment furnished by allied nations under MDAP—Other troops and naval units go through their paces in Bay of Naples—Italian armed forces keep abreast of modern methods of warfare (17 min—1951).
- 162** Korea, 13–19 August 1951—Turkish brigade commands main line sector of UN resistance northwest of Chorwon—At Yanggu in North Korea, 155-mm howitzers of 96th US Field Artillery go into action against enemy bunkers miles away—Mobile map reproduction unit of US engineers produces tactical maps quickly and in quantity—Refrigerated vans transport

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frozen foods to forward ration points—Flight test on supersonic Bell X-5 *Flying Guppy*—Situation map 19 August (15 min—1951).

- 163 Korea, 22-26 August 1951—Allies and Reds continue watchful waiting while peace talks remain suspended—In eastern sector ROK troops repulse communist attack with mortar and machinegun fire—Behind the lines, special MP units care for 130,000 prisoners taken since outbreak of hostilities—US Transportation Corps utilizes local labor and other resources in handling military and ECA supplies at Pusan Harbor—Stricken Koreans receive medical attention in UN hospital—Native medical personnel inoculate an entire village against typhoid and tetanus as part of UN's civil assistance program—Situation map 26 August (18 min—1951).
- 164 Korea, 27 August-2 September 1951—UN Personnel arrive at Kaesong to investigate enemy charges of violation of conference site by UN bombers—B-29 superforts blast Pyongyang with 500-pound demolition bombs—Engineers of 3rd Combat Battalion, 24th Division, construct aerial tramway in central Korean sector as field expedient in moving supplies and casualties—Situation map 2 September (11 min—1951).
- 165 Korea, 3-9 September 1951—Northwest of Yanggu, M4 tanks of 38th Infantry Regiment Tank Company support ROK infantrymen in taking Hill 773—Psychological warfare unit in action—*Banshees* take off from carrier to support B-29 raid—Truce deadlock at Kaesong—Situation map 9 September (10 min—1951).
- 166 Korea, 10-16 September 1951—Company of 7th US Marines advances against the enemy north of Inje—Gunsight aiming point cameras record Mustang air strikes against enemy targets—Air Force tests on new B-61 pilotless bomber—Situation map 16 September (11 min—1951).
- 167 Korea, 17-23 September 1951—Long-range artillery unit of 3d Division bombards enemy during bad weather—North of Chorwon, 65th Infantry Patrol is pinned down by automatic fire but achieves objectives and brings back prisoners—Situation map 23 September (13 min—1951).
- 168 Korea, 24-30 September 1951—First Division Marines engage enemy in Iron Triangle north of Yanggu—Operation marked by heavy air and artillery bombardment of communist strong points—Reclamation of shell cases by 619th Ordnance Ammunition Company—South of Kumsong, 24th and 25th Infantry Divisions seek out enemy resistance—Use of helicopters to land fully armed UN troops (14 min—1951).
- 169 Korea, 30 September-7 October 1951—Raider platoon of 25th Division probes Chinese position to obtain firing data for mortar teams—Hill 404 falls to 4.2 heavy mortar bombardment—North of Yongchong, tank-infantry team advances against enemy—Generals Ridgway, Bradley, and Van Fleet visit front—Airdrop supply mission executed by 8081 Quartermaster aerial supply and packaging company delivers supplies from Japan to front—Situation map 7 October (16 min—1951).
- 170 Korea, 8-14 October 1951—UN naval task force off Wonsan—Consolidation of position on Hill 477—Recapture of Hill 391—Mobile rocket launchers saturate target area at night with 4.5-inch rockets—Training of pigeons for messenger service—Spiral-four cable rehabilitation—US Air Force demonstration for American Ordnance Association (19 min—1951).
- 171 (18 min—November 1951—Film is Classified CONFIDENTIAL.)
- 172 Korea, 22-28 October 1951—Surrender of four delegates of North Korean

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- forces—The arrival of former Assistant Secretary of Defense Mrs Anna Rosenberg, at Yanggu for frontline visit—Situation map 28 October (13 min—1951).
- 173 Korea, 28 October–4 November 1951—Tank patrol aids infantry units in capture of hill beyond Heartbreak Ridge—F-51's engage in close tactical air support mission—B-26 crash landing in combat zone—Peace negotiations behind lines—Situation map 4 November (10 min—1951).
- 174 The Korean Situation—Combat activities during the week 4–11 November 1951—Artillery FOB—Activities and mission of the first Artillery Forward Observation Battalion in Korea (13 min—1951).
- 175 (10 min—December 1951—Film is classified CONFIDENTIAL.)
- 176 Korea, 19–25 November 1951—Situation map for period—Reconnaissance patrol directs artillery fire on eastern sector of front to destroy enemy bunker—Use of phosphorous grenade against another enemy bunker—Battery of 120-mm antiaircraft guns tracking targets visually and by radar at Kataki firing range in Japan—Airdrop tests of personnel and equipment at Echterdigen Airfield, Germany, and in Japan (12 min—1951).
- 177 Exercise Desert Rock near Las Vegas, Nevada—Construction of forward area and emplacement of army equipment and materiel—Transportation of troops to viewing area—Bomb explosion—Troops watch mushroom cloud and feel blast—Return of troops to forward area to inspect materiel and equipment subjected to blast (29 min—1951—Instructor's notes).
- 178 Korea, 9–15 December 1951—Patrols and sporadic attacks by units of less than company strength—Foam-smothering technique used to save burning C-47 transport—Demonstration of backpressure airlift method of artificial respiration—Peace talks at Panmunjom (10 min—1952).
- 179 Korea, summary of fighting to January 1952—Role of UN naval units—Activities of US 7th Fleet—Formosa, present seat of Nationalist China—Areas across Formosa Straits—Mission of 7th Fleet to secure Formosa from attack—Twenty-four hour long-range naval patrols over danger area—Activities of PY4Y seaplane and P-28 land-based patrol plane—Land-based planes flying from Okinawa and the Philippines readied for patrol duty—Plane patrol missions free 7th Fleet for action off coast of Korea (14 min—1951).
- 180 Korea, 17–23 December 1951—Limitation of ground action along the front to patrols and minor skirmishes as truce talks at Panmunjom enter a new phase with exchange of prisoner lists—UN naval forces continue to bombard east coast anchor of enemy's line below Wonsan—Squadron of Sikorsky helicopters ferries battalion of Marine replacements to hilltop on eastern sector of Korean front—US Aircraft Carrier MIDWAY, refueled at sea, serves as home base for group of AJ-1 attack bombers—Quartermaster Corps' specialists test new cold weather undergarment for the combat soldier (14 min—1951).
- 181 Korea, 24–30 December 1951—Ground-fighting brought to halt by knee-deep snow in most sectors—UN forces maintain and adjust positions while cease-fire talks continue at Panmunjom—Ethiopian infantry opens fire on enemy hill bunkers from new positions of vantage taken after a reconnaissance—Removal of critically wounded infantrymen from Punchbowl above Yanggu by litter, jeep, and helicopter to a mobile army surgical hospital behind the lines—Helicopter evacuation versus echelon evacuation—Screening and in-

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ternment at Kurye of communist guerrillas and suspected civilians by task force of ROK capital division (9 min—1952).

- 182** Korea, 31 December 1951 through 6 January 1952—UN forces repulse enemy attack in area above Korangpo—Air warfare continues unabated—Talks at Panmunjom reach another stalemate—UN forces continue to harass enemy supply lines—Army postal service operations in the Far East—Channeling mail to the Korean battlefield (17 min—1952).

- 183** Korea, 7–13 January 1952—UN tactical air command steps-up operation Strangle—Sharp ground fighting in west central sector of the front—On east coast, UN naval surface units and carrier-based aircraft continue interdiction of enemy supply lines—Truce talks bog down at Panmunjom as Soviet Foreign Minister Andrei Vishinsky tries to shift negotiations into more direct channels of UN Security Council—Versatility of the US Army's light aviation plane—US Air Force speeds construction of five huge airbases in French Morocco (18 min—1952).

- 184** Korea, 14–20 January 1952—UN air sorties against enemy targets mount to the thousands as Operation Strangle continues unabated—Ground fighting is restricted to minor patrol clashes—Truce talks continue deadlocked at Panmunjom over communist airfield issue—Two Red Cross representatives make surprise visit to PW camp in North Korea and are refused permission to enter—Conflict in Indo China continues—French union troops and Vietnam forces fight bitter hit-and-run war with Vietminh insurgents (13 min—1952).

- 185** Korea, 21–27 January 1952—Operation Strangle—UN naval blockade of enemy supply lines—Artillery unit moves self-propelled 8-inch gun over icy Punchbowl Pass to ridgetop position on Hill 1181, and fires directly into enemy bunkers—Truce talks remain deadlocked at Panmunjom—Paradrop by French Legionnaires from US Air Force C-82 Flying Boxcars outside Algiers—Characteristics of the C-82 (9 min—1952).

60. Training Films (TF)

Training films (TF) deal with approved Department of the Army doctrine. They cover specific topics and are intended for use at a definite time and place in the training programs.

TF No.

3-1164 Construction of Gasproof Shelters in the Field

Constructing an easy shelter that affords complete protection to troops in gassed areas (21 min—1943—Film Reference).

3-1755 The Chemical Decontamination Company

Discussion of organization and mission of Chemical Decontamination Company—Designed to protect major installations, vital areas, and specialized equipment against hazardous effects of chemical, biological, and radiological attack—Methods used to decontaminate airstrip that has been attacked with chemical and HE bombs—Demonstration of various methods of decontamination (16 min—1954—Film Reference).

3-1860 Individual and Unit Decontamination of Toxic Chemical Agents

Self-aid in toxic gas yard—Self-aid in combat—Decontamination of unit equipment after a chemical attack—Preparation and use of DANC Solution and Tropical Bleach (20 min—1958).

3-2196 The Employment of Toxic Chemical Agents

Characteristics and effects of four major types of toxic chemical

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TF No.

agents—Principles of their employment in defensive and offensive combat situations—Various methods of dissemination—Factors governing effectiveness of gas (26 min—1955—Film Reference).

3-2245 Mixing and Evaluation of Flame Fuels

Feature and use of thickened and unthickened fuel—Rule of thumb and weight formula for mixing—Safety factors—Testing of fuel (22 min—1956—Color—Film Reference).

3-2499 Individual Protection Against CBR Attack

Aimed at individual soldier—Nature of CBR warfare—Protective measures against atomic explosions, biological contamination, and gases (25 min—1957—Film Reference).

3-2593 Nerve Gases—Part I—Field Recognition and Self-Aid Procedures

Nature and symptoms of nerve gas poisoning—Self-aid in combat—Stress on proper use of gas mask and injection of atropine for survival—How atropine works to counteract effects of nerve gas (27 min—1958—Film Reference).

3-2594 Nerve Gases—Part II—Use of Injection Instruments

Features, components, and proper use of atropine and ampin injection instruments in self-aid to survive nerve gas attack—Proper method of preparing and correct technique for injecting these drugs are illustrated (17 min—1958—Film Reference).

3-2602 This is Atomic, Biological, and Chemical Warfare

Nature of CBR warfare—Protection against heat, blast, and radiation—Methods employed to disperse germs, and measures to be taken to prevent the entrance of germs into the body—Toxic agents in combat and required protective action (18 min—1958—Film Reference).

3-2651 Effects of Mustard Gas on Individuals

How liquid and vapor mustard gas affects the eyes, skin, breathing passages, and stomach—Probable results of the injury to each area affected (4 min—1959—Film Reference).

3-2652 Individual Protection Procedures Against Mustard Gas

Describes the principles to be followed and the equipment required for protection against mustard gas injury—Types of protective clothing and proper procedures for personnel decontamination in the event of accidental or combat exposure—Decontamination of eyes, face, and skin (8 min—1959—Film Reference).

3-2653 Protective Mask Fitting

Donning the M9A1 Protective Mask against gas vapors—Adjusting and tightening the straps—Testing for proper fit—Stress on masking in 9 seconds (5 min—1959—Film Reference).

3-2654 Protective Mask Inspection

Disassembly of the M9A1 into its three major components: Canister, facepiece, and carrier—Checks of airflow system, leaks, and damage—Importance of frequent inspections and careful maintenance to insure proper protection (8 min—1959—Film Reference).

3-2655 Automatic Masking Procedure

Illustrates the three major steps in automatic masking—Including stop breathing, mask, continue mission—Conditions that warrant masking—Testing for leakage—Proper masking procedure—Stress on speed in masking for survival (6 min—1959—Film Reference).

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TF No.

3-2656 Individual Combat Protective Equipment

Shows protective uniform, underclothing, socks, shoes, gloves, mask, and protection kit—Proper use of M5 Protective Ointment for treating exposed areas of the head and neck (5 min—1959—Film Reference).

3-2657 Individual Protective Equipment

Reviews the various items of Chemical Corps individual protective equipment—M9A1 Protective Mask—Impermeable protective outfit and the treated suit—Other protective devices, such as leather dressing, protective ointment, and tents (8 min—1959—Film Reference).

3-2659 Portable Flame Thrower M2A1-7, Pressure Charging

Charging pressure tank of the M2A1-7 using M1A1 Compressor—Charging pressure tank as part of the fuel and pressure unit—Safety precautions (9 min—1958—Film Reference).

3-2660 Portable Flame Thrower M2A1-7—Filling by Pressure, Using Fuel Filling Kit M10A1

Authorized equipment, methods, and procedures for filling with fuel, using an outside pressure source—Air and gas compressor cylinders acceptable for use—Methods for transferring fuel from a 55-gallon steel drum and a 5-gallon gas can to the flamethrower—Proper servicing and safety measures (9 min—1958—Film Reference).

3-2661 Use of Field Impregnation Set

The M3 Field Impregnation Set used for impregnating clothing—Selection of site and preparation of chemical mix—M1 Test Kit used to test protective quality of impregnated clothing—Preparation of test solution—Testing proper areas of clothing—Marking and restoring protective quality to tested areas (9 min—1958—Film Reference).

3-2662 Surveillance of Chemical Corps Material—Surveillance

Nature and purpose of surveillance—Inspection of stored material—Surveillance procedure covers: selection of samples, packaging, recording observations, hydrostatic and functional testing, reporting of results, and repacking of satisfactory items (6 min—1958—Film Reference).

3-2663 Handling and Storage of Equipment for Chemical Agents

Three types of 1-ton storage containers are discussed—Special equipment for use in transferring agents from one container to another—Various types of equipment used to transport agents from one area to another—Equipment for indoor and outdoor operations (8 min—1958—Film Reference).

3-2664 Chemical Agents, Storage Methods and Techniques

Layout and operation of storage site for bulk toxic agents—Requirements for storage site are discussed as to access to roads, positioning of racks, provisions for transfer, decontamination, shipping and receiving areas—Methods used to detect and correct leakage—Safe storage practices (6 min—1958—Film Reference).

3-2732 Employment of Smoke in Combat Operations

Production and use of smoke in forward and rear areas, and in special operations—Smoke blanket, smoke haze, smoke curtain, and blinding smoke (19 min—1959—Film Reference).

3-2733 The Chemical Smoke Generator Company

Mission, organization, and operations—Steps taken to carry out a

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smoke order—Planning, recognition and organization of smoke area, and preparation of general employment at forward area (18 min—1959—Film Reference).

3-2768 Main Armament Flame Thrower—Part I—Nomenclature and Functioning

Features and operation of flame gun and fuel and pressure unit—Firing under normal and emergency conditions—Safety measures during firing and operation (9 min—1959—Film Reference).

3-2769 Main Armament Flame Thrower—Part II—Servicing

Pressure charging, fueling main and secondary fuel containers, preparation for operation, test firing—Safety precautions are stressed (8 min—1959—Film Reference).

3-2770 Main Armament Flame Thrower—Part III—Nomenclature and Functioning of the Service Unit

Fueling function of unit—Features and operation of main components—Pump, air compressor, power takeoff, and declutching unit (7 min—1959—Film Reference).

3-2771 Main Armament Flame Thrower—Part IV—Operation of the Service Unit

Provision for pressure and fuel servicing, operation—Preparation for servicing, pressurizing provision, mixing fuel, fueling, after-servicing provisions, safety measures stressed (6 min—1959—Film Reference).

3-2785 Radiological Center Operations

Methods used to produce radiological information in combat—How this information is used by commander and staff to estimate tactical situation and develop plans (28 min—1959—Film Reference).

3-2871 Decontamination Procedures for Toxic Chemical Agents

3-2880 Radiological Surveys

Mission and operation of Army Radcenters; radiological monitoring by units in the field; procedure and equipment used in aerial and ground radiological surveys; construction of containment charts (22 min—1960—Film Reference).

3-3011 Alpha Monitoring Procedure

Techniques and equipment used by CBR monitoring team to determine Alpha, Beta, and Gamma radiation—Procedure and equipment used by PLUCON team in detailed survey of Alpha contamination (22 min—1960—Film Reference).

3-3018 Mechanical Smoke Generator, M3A3, Assembly

Assembly and installation of the three major components—Engine head assembly, float bowl assembly, and fog oil pump assembly (10 min—1960).

3-3019 Mechanical Smoke Generator M3A3—Disassembly

Disassembly of major components for inspection and repair—Engine head assembly, float bowl assembly, and valves of fog oil pump assembly (10 min—1960—Film Reference).

4-640 Care and Maintenance of the 90-mm Antiaircraft Gun—Part I—Routine Inspection

Disassembling and oiling breechlock and firing mechanism (18 min—1943—Film Reference).

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- 4-641 Care and Maintenance of the 90-mm Antiaircraft Gun—Part II—Regular Inspection**
Daily inspection—Cleaning breech and firing mechanism—Checking bore and fuze setter—Preparing ammunition for use (19 min—1943—Film Reference).
- 4-642 Care and Maintenance of the 90-mm Antiaircraft Gun—Part III—Routine Checks**
Traversing and elevating checks necessary for preparation of fire—Checking and changing oil in recoil and counterrecoil buffer system (29 min—1943—Film Reference).
- 4-644 Care and Maintenance of the 90-mm Antiaircraft Gun—Part V—Firing, Safety Precaution, and Maintenance After Firing**
Duties of each member of gun crew in preparing gun for firing Handling of ammunition—Loading and firing of gun—Details of proper maintenance after firing (12 min—1943—Film Reference).
- 4-1144 Care and Maintenance of the 90-mm Antiaircraft Gun—Part VI—Remote Control System M2**
Orientation, synchronization in azimuth and elevation—Calibration corrections—Traversing and elevation mechanisms—Remote control system—Troubleshooting (23 min—1943—Film Reference).
- 4-1145 The 90-mm Antiaircraft Gun—Part I—Emplacement, Using the Prime Mover**
Positions and sections of bogies, carriage, bogie frame, pedestal, bogie axle, bogie buffer, and trace in traveling position and emplacement of gun—Demonstration of gun emplacement—Teamwork of crew—Duties of section members (45 min—1943—Film Reference).
- 4-1146 The 90-mm Antiaircraft Gun—Part II—Emplacement Without Use of Prime Mover**
Duties of members of gun section when emplacing 90-mm gun without prime mover—Steps in approved sequence (30 min—1943—Film Reference).
- 4-1147 The 90-mm Antiaircraft Gun—Part III—March Order**
Meaning and execution of “march order” (30 min—1943—Film Reference).
- 4-1148 The 90-mm Antiaircraft Gun—Part IV—Technique of Antitank Firing**
Principles of antitank fighting—Factors involved in shooting at moving tank—Important points in antitank fire technique with the 90-mm AA gun (42 min—1943—Film Reference).
- 4-1149 The 90-mm Antiaircraft Gun—Part V—Direct Fire Drill**
Duties of each gun squad member—Shown in practice and under combat conditions (23 min—1943—Film Reference).
- 4-1271 Controlled Submarine Mines—Part II: Planting Control Buoys and Laying Shore Cable**
Marking buoys used to locate mine group within minefield—Planting control buoys with distribution box boat and yawl—Laying shore cable with mine planter—Cable laid in two sections joined by watertight joint and junction box—Making watertight joint—Planting stern anchor for DB boat (29 min—1944—Film Reference).

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- 4-1272 Controlled Submarine Mines—Part III: Planting Ground Mines**
Loading mines, cables, and accessories aboard planter—Connecting mine cables and raising ropes to their respective mine prior to planting—Method of planting—Safety precautions (25 min—1943—Film Reference).
- 4-1273 Controlled Submarine Mines—Part IV: Planting Buoyant Mines**
Loading equipment aboard the mine planter—Loading and planting buoyant mines (21 min—1943—Film Reference).
- 4-1274 Controlled Submarine Mines—Part V: Preparing and Planting the Distribution Box**
Operations aboard DB boat during planting of group of mines—Removal of marking buoys after group has been planted and tested (21 min—1943—Film Reference).
- 4-1275 Controlled Submarine Mines—Part VI: Operation of the Mine Field**
Duties of range section—Observation instruments, plotting board, and communication system between observation stations and plotting room—Plotting course of ship through minefields—Use of mine predictor in observation fire—Operation of mine control system in casemate—Setting systems—Emergency mine control system—Audio reception center (34 min—1944—Film Reference).
- 4-1276 Controlled Submarine Mines—Part VII: Maintenance and Renovation of Underwater Equipment**
Picking up distribution box and two types of mines—Duties of planting section—Renovation of faulty ground and buoyant mine equipment—Testing instruments for faulty cable—Mine cases unloaded—Equipment disassembled—Cases renovated—Tests of firing devices, coil roads, and underwater equipment—Component parts of minefield reassembled—Renovation of mooring rope and buoyant mine anchors (44 min—1944—Film Reference).
- 4-1277 Controlled Submarine Mines—Part I, Section I: Preparation of Ground Mine Underwater Equipment**
Personnel division of mine battery—Shore sections—Submarine ground mine—Case assembly for planting—Standard ground mines assemblies—Preparation of cable, raising ropes, buoy ropes, mine buoys, control buoys, and distribution boxes—Assembly of buoyant mines by use of figure eight (47 min—1944—Film Reference).
- 4-1278 Controlled Submarine Mines—Part I, Section II: Preparation of Buoyant Mine Underwater Equipment**
Planting mines—Anchoring equipment—Controls for each mine—Mine cables—Figure eight coil—Insulation and conductor resistance of cable—Cleaning—Loading of mine cases with TNT—Safety precautions—Functioning, preparation, assembly, and installing compound plug—Assembly of mine cap (19 min—1944—Film Reference).
- 4-1307 The 120-mm (4.7-inch) Antiaircraft Gun—Part III—Preparation for Firing**
Preparation for firing—Examining gun—Checking orientation, synchronization, and operation—Report (31 min—1944—Film Reference).
- 4-1280 The Multiple Machine Gun Mounts—Part I—Operation and Maintenance**
Mount in action—Defense against low-flying planes—Servicing and maintenance (39 min—1944—Film Reference).

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- 4-1292 The Multiple Machine Gun Mounts—Part II—Drill and Firing**
Inspection of mounts on half-track vehicle before going into operation—Locating target—Firing—Teamwork, speed, and precautionary measures (31 min—1944—Film Reference).
- 4-1324 The Radio Set SCR-584—Part I—Emplacement and March Order**
Emplacement and preparation for travel—Spotting trial fires—Principal use of set (39 min—1944—Film Reference).
- 5-200 Pioneer Equipment—Woodcutting Tools**
Types of woodcutting tools used by pioneer troops—Purpose and use (10 min—1941—Film Reference).
- 5-201 Pioneer Equipment—Manila Rope**
Use of various sizes of manila rope—Characteristics—Care of rope (7 min—1941—Film Reference).
- 5-202 Pioneer Equipment—Hitches**
Demonstration of half, clove, timber, rolling, mooring, cat's-paw, and blackwall hitches (8 min—1941—Film Reference).
- 5-203 Pioneer Equipment—Knots and Bends**
Demonstration of overhand, figure eight, square, sheet bend, double sheet bend, anchor, sheepshank, bowline, running bowline, and bowline on the bight knots—Bends and their uses (15 min—1941—Film Reference).
- 5-322 Pneumatic Paving Breaker**
Principle, mechanism, assembly, operation, use, and care of Thor pneumatic paving breaker (24 min—1942—Film Reference).
- 5-571 Air Compressor and Air Tools—The Pneumatic Rock Drill M75**
Mechanical action, operation, lubrication, and maintenance—Details of rotating type Thor sinker rock drill (19 min—1942—Film Reference).
- 5-697 Air Compressor and Air Tools—The Pneumatic Clay Digger**
Purpose, correct usage, and functioning of clay diggers—Disassembly and assembly—Routing checks (14 min—1943—Film Reference).
- 5-698 Air Compressor and Air Tools —Part V—The Pneumatic Wood Borer**
Field use of wood borer—Bridge building—Placing explosives in tree and stumps (9 min—1943—Film Reference).
- 5-699 Air Compressor and Air Tools—Part VIII—The Pneumatic Nail Driver**
Technique of driving spikes and nails with nail driver in bridge construction (17 min—1943—Film Reference).
- 5-954 Enemy Booby Traps**
Booby traps—Damaging effects—Construction—Placement methods and firing mechanisms (27 min—1943—Film Reference).
- 5-955 Air Compressor and Air Tools—Part VI—The Pneumatic Circular Saw**
Circular saw in field and combat conditions—Clearing roadblocks—Easily transported and quickly set up for use (20 min—1943—Film Reference).
- 5-956 Air Compressor and Air Tools—Part VII—The Pneumatic Chain Saw**
Uses of saw—Lubrication—Periodic maintenance (16 min—1943—Film Reference).
- 5-1152 Carpentry—Part I—Measuring, Marking, and Leveling**
Use of carpentry tools—Precautions (12 min—1943—Film Reference).
- 5-1153 Carpentry—Part II—Driving and Chopping**
Principles of design of hand hatchet, adze, clawhammer, sledge ham-

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- mer, and maul—Correct use and maintenance (13 min—1943—Film Reference).
- 5-1154 Carpentry—Part III—Sawing and Boring**
Principles of design of crosscut saw, rip saw, brace, and bit—Correct use and maintenance (16 min—1943—Film Reference).
- 5-1155 Carpentry—Part IV—Planing and Chiseling**
Jack plane demonstrated, dismantled, reassembled, and blade sharpened—Correct and incorrect handling of tools (14 min—1943—Film Reference).
- 5-1169 Military Roads and Runways—Part I—Clearing, Grubbing, and Rock Work**
Preliminary clearing—Grubbing by use of explosives and mechanical means—Rock work done by “snakeholing,” “mudcapping,” and “blockholing”—Blasting methods used on high vertical and low shallow rock ledges (14 min—1943—Film Reference).
- 5-1181 Infantry Support Raft**
Engineers build ponton rafts on river bank—Raft as transportation for heavy vehicles across unfordable streams (17 min—1943—Film Reference).
- 5-1190 Military Roads and Runways—Part II—Bases and Untreated Surfaces**
Improving road bases by adding proper materials for stabilization (10 min—1943—Film Reference).
- 5-1193 Military Roads—Part I—Road Expedients**
Expedient methods of road construction in marshy and sandy soils—Use of corduroy, wire mesh, and other materials (21 min—1943—Film Reference).
- 5-1194 Military Roads—Part II—Drainage**
Importance of drainage—Providing necessary crown—Constructing ditches and open and covered culverts (12 min—1943—Film Reference).
- 5-1197 Military Roads—Part V—Subgrade Preparation**
Planning earth-moving operations to create best possible subgrade—Mixing of sand and clay to obtain optimum subgrade—Locating subgrade to prevent failure from water—Creating artificial subgrade on marshy ground (9 min—1943—Film Reference).
- 5-1198 Military Roads—Part VI—Gravel and Rock Surfaces**
Principles of gradation—Selection of materials—Placing materials on road base (8 min—1943—Film Reference).
- 5-1226 The Double Apron Fence**
Erection of double-apron fence—Construction layout—Technique of using both reels and bobbins of barbed wire—Three basic methods of erecting a barbed wire fence (15 min—1943—Film Reference).
- 5-1242 Assault Boat River Crossing**
Coordination between infantry and engineer boat crews, using M2 assault boats (17 min—1943—Film Reference).
- 5-1377 Explosives and Demolitions—Bangalore Torpedo**
Assembly of torpedo—Characteristics and operation—Placing and setting off the charge—Improvising a bangalore torpedo (9 min—1944—Film Reference).
- 5-1408 Engineer Road Graders**
Operation and use of motorized and towed-type road graders—

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Cutting V-type and flat-bottom ditches—Blade positions (19 min—1945—Film Reference).

5-1415 Operation of Rafts

Effective operation of rafts in swift currents—Infantry support raft used as example (15 min—1945—Film Reference).

5-1441 The Floating Bridge M4—Part II—Assembly of the Bridge

Construction of a 300-foot M4 bridge—Anchorage problems—Installation of end sections—Filling the gap with successive pontoons and rafts (22 min—1945—Film Reference).

5-1442 The Floating Bridge M4—Part III—Rafts

Construction of four-ponton rafts—Basic raft in long bridge construction—Use of long raft to ferry bridge vehicles—Attaching powerboat to rafts (10 min—1945—Film Reference).

5-1546 Multiplex Mapping—Part II

Multiplex method of producing accurate topographical maps from aerial photographs—Process of converting three-dimensional aerial photographs into topographical maps (40 min—1949—Color).

5-1549 Multiplex Mapping—Part I

Method of producing topographical maps from photographs—Advantages of aerial maps and conversion into topographical maps—Obtaining dispositives from aerial photographs and using multiplex projector to obtain stereographic views of aerial maps for conversion into topographical maps—Procedure (26 min—1949—Color).

5-1770 Detector Set, Metallic Mines, Polly Smith

This film presents *Polly Smith*, a development in antitank and anti-personnel mine detection equipment—It is lighter to carry, easier to maintain, can be operated on land and underwater, facilitates troop movement, and saves men and equipment (28 min—1953—Film Reference).

5-1774 Operator's Adjustments D-7 Tractor—Part I—Adjusting the Le-Tourneau Power Control Unit

Showing that operation of the D-7 Tractor depends on proper adjustment of the unit—How to recognize and correct common causes of power control unit trouble (11 min—1953).

5-1784 Asphalt Mixing Plant Set (Barber-Greene Model 848)

Discussing equipment design, mechanical operation, high-capacity production, and suitability for all types of bituminous mixtures—Bituminous construction—Properties, ingredients, and uses of the various types of mix—Road mix, intermediate mix, and high-type mix—Operational knowledge and maintenance procedures of equipment essential to maximum efficiency (38 min—1952—Color—Distribution limited to ZI—Commercial Adaptation).

5-1785 Model 879A Finisher

The Barber-Greene Asphalt Finisher lays roads and runways for high-speed traffic—Discussion of characteristics, function, and mechanical operation—Characteristics of component parts (15 min—1952—Color—Distribution limited to Engineer Units in ZI—Commercial Adaptation).

5-1788 Basic Map Reading—Part I—Topographic Symbols

How to identify natural and manmade ground features by representative topographic symbols (18 min—1953—Film Reference).

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5-1789 Basic Map Reading—Part II—Elevation, Distance, and Grid

Showing how to interpret contour lines in terms of measuring height and determining character of slopes—How to measure distances by map and graphic scales—Military grid system explained (27 min—1953—Film Reference).

5-1790 Basic Map Reading—Part IV—Direction, Orientation, and Location Without Compass

Step-by-step explanation for determining direction, orientation, and location without compass—How to orient the map and identify map symbols, compute distances—How to determine own position by ground features and distant objects—Locating objects on the map—Use of horizontal and vertical lines—Determining course by position of sun and stars—Locating enemy objects—Travel in strange terrain (21 min—1953—Film Reference).

5-1791 Basic Map Reading—Part III—Direction, Orientation, and Location with Compass

Illustrating how the compass is used to orient the map, locate one's own position, locate distant objects, travel cross country by day and at night (33 min—1953—Film Reference).

5-1792 Basic Map Reading—Part V—Photos and Photomaps

Showing how to identify terrain features on photographs and photographic maps—How to orient a photograph correctly—Identifying objects by size, shape, shadow, relative tone, and relation to surrounding features (23 min—1953—Film Reference).

5-1804 Location and Construction of Road Obstacles

Purpose, employment, location, and construction of road obstacles—Characteristics and application of various types of obstacles—Erection of a mine roadblock (22 min—1955—Film Reference).

5-1817 Construction of 10,000 Barrel Bolted Steel Tanks—Part I—Foundation, Bottom, and Sidewalls

Detailed description of construction and installation of huge tanks for storage of petroleum required by pipeline system needed to support army's mechanized campaigns (16 min—1954—Film Reference).

5-1822 Beach Obstacles

Showing the purpose, types, employment, and construction of beach obstacles—Emphasizing the planning, selection, construction, location, and use of the various offshore, tidal zone, and shore obstacles (22 min—1953—Film Reference).

5-1826 Operator's Adjustments D-7 Tractor—Part II—Steering Clutch and Brake

Proper steering techniques—How to detect steering clutch and brake troubles—How and when to make corrective adjustments (11 min—1953—Film Reference).

5-1828 Operator's Adjustments D-7 Tractor—Part III—Flywheel Clutch and Starting Engine Clutch

How to detect and correct flywheel clutch troubles—Methods of detecting and correcting malfunctioning of starting engine clutch (8 min—1953—Film Reference).

5-1829 Operator's Adjustments D-7 Tractor—Part IV—Fan Belt and Water Pump

Teaching the proper procedures for checking and adjusting the fan

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belt and water pump—Proper maintenance of the equipment insures maximum efficiency (8 min—1953—Film Reference).

5-1830 Operator's Adjustments D-7 Tractor—Part V—Tracks

Showing the methods, procedures, and tools used to check and adjust the tracks—Importance of proper maintenance for smooth dozer operation (7 min—1953—Film Reference).

5-1862 Military Pipeline Operations—Part I—Laying Pipelines

Demonstrates the laying of typical military pipeline—Stovepipe and grasshopper methods of laying pipe—Cold and hot bending pipe (19 min—1954—Film Reference).

5-1863 Military Pipeline Operations—Part II—Installation of Pumping Stations

How to erect a pumping station, the heart of the pipeline system—Pumping stations provide the energy for smooth uninterrupted flow of fuel (17 min—1954—Film Reference).

5-1864 Military Pipeline Operations—Part III—Operation and Maintenance of Pipeline Systems

Three districts of military pipeline systems—Operation and maintenance by engineer pipeline company—Operation of pumping station (10 min—1954—Film Reference).

5-1898 Construction of 10,000 Barrel Bolted Steel Tanks—Part II—Center Support, Deck, Valves, and Vents

Continuation of TF 5-1817 (9 min—1954—Film Reference).

5-1996 Bridge-Panel Bailey Type M-2—Part I—Site Preparation and Layout

Standard types of Bailey bridges—How they can be identified—Preparation of site and layout of rollers for construction of the 90-foot, single-span, single-story bailey bridge—Assembling the bridge (17 min—1955—Film Reference).

5-1997 Bridge-Panel Bailey Type M-2—Part II—Basic Construction

Basic procedures for erecting a 90-foot double-truss Bailey bridge—Importance of teamwork and safety precautions are underscored (37 min—1955—Film Reference).

5-1998 Bridge-Panel Bailey Type M-2—Part III—Multi-Story Construction

Showing how to erect multistory bridges—Depicts erection of a partial-story reinforcement, a triple-truss double-story, and a three-story bridge—Basic assembly procedures are the same for single-story and multistory construction except that heavy constructions require more men and parts (25 min—1955—Film Reference).

5-2103 Timber Trestle Bridge

Construction of a Class 60, timber-trestle bridge—Selecting and layout of bridge site—Unloading and arranging construction materials—Excavating for foundation—Erecting substructures and superstructures (17 min—1955—Film Reference).

5-2105 Aluminum Floating Footbridge

Purpose, characteristics, capabilities—Step-by-step procedures involved in the construction of the bridge (19 min—1955—Film Reference).

5-2106 Bridge, Floating, Pneumatic Float, Class 60, Steel Superstructure—Part I—Bridge Assembly

Two methods of assembly—Joining complete single bays and assem-

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bly of two float sections—Stress on safety measures during construction (35 min—1956—Film Reference).

5-2107 Bridge, Floating Pneumatic Float, Class 60 Steel Superstructure—Part II—Rafts

Features of various types of pneumatic rafts—Construction of the 4-, 5-, and 6-float rafts—Installation of ramps, deck panels, filler and ramp tread panels—Loading rafts—Moving rafts across stream—Responsibilities of rafting crews (16 min—1955—Film Reference).

5-2108 Bridge, Floating, Pneumatic Float, Class 60, Steel Superstructure—Part III—Fixed Spans

Erection of 75-foot span—Centerline abutment sill and footing, trestles, deck tread, filler and ramp panels, guy lines, and handrail posts (17 min—1956—Film Reference).

5-2217 Explosives and Demolitions—Part I—Demolition of a Reinforced Concrete “T” Beam Bridge

Demonstrates the methods used to demolish a reinforced concrete “T” beam bridge—Covers: types of explosives used, calculation, placement and tamping of charges, and detonation (9 min—1957—Film Reference).

5-2276 Water Purification—Part I—PH and Chlorine Residual Test

Proper addition of indicator solutions—Final matching of colors through comparator eyepiece—Evaluating test results (7 min—1957—Color—Film Reference).

5-2277 Water Purification—Part II—Chlorine Demand, Arsenic, and Nitrogen Mustard Tests

Test equipment, chemicals, procedures, and analysis of test results for each test (8 min—1957—Color—Film Reference).

5-2278 Water Purification—Part III—Coagulation Test

Test equipment and chemicals—Preparation of standard solutions—Testing raw water with standard solutions—Optimum PH test (8 min—1957—Color—Film Reference).

5-2279 Water Purification—Part IV—Turbidity, Color, Taste, and Odor Tests

Obtaining and analyzing turbidity reading—Difference between apparent and true color—Testing for odor—Taste test (4 min—1957—Color—Film Reference).

5-2280 Water Purification—Part V—Chlorides and Sulfates Tests

Chlorides—Use of potassium chromate and analysis of test sample—Sulfates—Use of barium solution and analysis of test sample (7 min—1957—Color—Film Reference).

5-2282 Demolitions, M-10 Universal Destructor

Features and components of the M-10—How it is used with adapter, M-1 and M-3 firing devices, 16-mm mortar shell, and 105-mm and 155-mm projectiles (7 min—1956—Distribution to Army film and equipment exchanges in CONUS and overseas—Film Reference).

5-2294 Construction of General Cargo Aerial Tramway (Ship-to-Shore)

Use of tramway in logistical operations—Assembly and emplacement of major components (37 min—1956).

5-2333 Major Bridge Construction

Construction of pier foundations, piers and superstructures—Assembly, lifting, and launching of heavy girders and trusses—Safety precautions (13 min—1956—Film Reference).

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- 5-2334 Emplacements, Intrenchments, and Shelters—Part I—Introduction**
Construction and use of caves, surface-type work and those built by cut-and-cover technique—Requirements for effective field fortifications (17 min—1957—Film Reference).
- 5-2349 Fixed Bridges—Jacking Down Heavy Girders**
Launching and positioning double girder on cribbing—Lowering girder to beam seats to permit removal of cribbing—Final seating of girder (7 min—1957—Film Reference).
- 5-2350 Military Fixed Bridges—Nomenclature—Timber Trestle Bridges**
Nomenclature, features, and function of components of superstructure and substructure curb and handrail assembly, flooring, stringer systems and supports (6 min—1957—Film Reference).
- 5-2351 Crane Shovel Unit, Bucyrus Erie, Crawler Mounted—Adjustment of Main Operating Clutches and Brakes**
Adjustment of “slipping” clutches, and the hoist and crowd brakes (6 min—1957—Film Reference).
- 5-2352 Grader, Motorized, Caterpillar No. 12—Adjustment of the Bevel Gear and Pinion**
Installation of bevel gear, bearings and pinion—addition and/or subtraction of shims; checking for backlash (7 min—1957—Film Reference).
- 5-2353 Grader, Motorized, Caterpillar No. 12—Adjustment of the Main Flywheel Clutch**
Initial check of clearance between yoke arms and release bearing housing—Adjustment of linkage—Final check and adjustment to insure proper clearance between release levers and release bearing (4 min—1957—Film Reference).
- 5-2354 Grader, Motorized, Caterpillar No. 12—Before Operation Services**
Checks on fuel, oil, coolant, tires, gages, lines and connections, loose or worn parts, brakes, power controls, and any unusual performance (6 min—1957—Film Reference).
- 5-2355 Grader, Motorized, Caterpillar No. 12—Starting and Stopping Procedures**
Starting and stopping the starting engine and diesel engine—Sequence of operation and location of components (4 min—1957—Film Reference).
- 5-2356 Tractor, Caterpillar D-8—Before Operation Services**
Checks on fuel, auxiliary gas, oil, coolant, tracks, gages, leaks, loose or missing parts, operating controls, power controls, and other operating defects (5 min—1957—Film Reference).
- 5-2357 Tractor, Caterpillar D-8—Starting and Stopping Procedures**
Starting and stopping the starting engine—Starting and stopping the diesel engine (3 min—1957—Film Reference).
- 5-2361 Demolitions—Clearing Stumps and Boulders**
Placement, tamping, and firing dynamite cartridges to clear stumps—Snakeholing, blockholing, and mudeapping methods of blasting boulders (9 min—1957—Film Reference).
- 5-2362 Demolitions—Placing Charges on Steel**
Cutting steel with plastic and block explosives—Placement, priming, firing, and “shearing” effect of offset charges (5 min—1957—Film Reference).

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5-2363 Demolitions—Placing Charges on Wood

External charge on large timber—Internal charge in borehole in timber—Charge on partially cut tree—Charges to fell trees and cut piling (6 min—1957—Film Reference).

5-2371 Field Engineering in the Subarctic—Part I—Winter Roads

Film depicts the methods, materials, and techniques for building, reinforcing, and protecting roads for winter combat operations in the Subarctic—Features and methods of erecting fences for protection from snowdrifts are covered—Main points are reviewed (27 min—1958—Film Reference).

5-2372 Field Engineering in the Subarctic—Part II—Winter Field Fortifications

Digging and blasting foxholes into snow, ice, and frozen earth—Construction of built-up timber and semipermanent fortifications—Camouflage (22 min—1957—Film Reference).

5-2373 Field Engineering in the Subarctic—Part III—Ice Mines, Ice Mine Fields, AT and AP Mines, and Obstacles

Construction of snow roadblocks, ice concrete barriers, timber abatis, and barbed wire barriers—Laying mines and detecting and removing mines (21 min—1957—Film Reference).

5-2406 Map Reading, Basic—Azimuth

How azimuth is used to reach a city street destination—Definition and examples of azimuth, azimuth circle, and back azimuth (5 min—1957—Film Reference).

5-2407 Map Reading, Basic—Azimuth Conversion

How the grid azimuth is converted to magnetic azimuth to determine a "Path" to an objective—Conversion of magnetic to grid azimuth (5 min—1957—Film Reference).

5-2408 Map Reading, Basic—Characteristics of Contour Lines

How to read contour lines denoting: uniform, gentle, steep, concave, and convex slopes; cliffs, valleys, stream junctions, cuts, and fills (6 min—1957—Film Reference).

5-2409 Map Reading, Basic—Contour Lines and Intervals

How to read the contour interval and lines to determine shape and elevation of land—Examples of lines denoting steep hills and gentle slopes (5 min—1957—Film Reference).

5-2410 Map Reading, Basic—Direction

Definition and differences between True North, Magnetic North, and Grid North—Use of declination diagram to determine which North is desired (4 min—1957—Film Reference).

5-2411 Map Reading, Basic—Elevation

Methods used to indicate elevation—Elevation markings by means of: contour lines and hachures on maps, form lines on aerial photographs, ridge and stream lines on maps and photographs, and layer tints on maps and charts (5 min—1957—Film Reference).

5-2412 Map Reading, Basic—Intersection

How an unknown position is fixed by means of intersection method—Sighting and plotting enemy position by first and second observers (5 min—1957—Film Reference).

5-2413 Map Reading, Basic—Location

How location can be determined with the aid of a military map—

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Reading gridline coordinates, the west-east gridline and the north-south gridline as aids in determining location (4 min—1957—Film Reference).

5-2414 Map Reading, Basic—Percent of Slope

Computing vertical and horizontal distance in field—Measuring same distance on map—Applying formula for finding percent of slope (7 min—1957—Film Reference).

5-2415 Map Reading, Basic—Resection

How to locate an unknown position by the resection method—Taking sights on two identifiable reference points—Computing back azimuth (7 min—1957—Film Reference).

5-2416 Map Reading, Basic—Scale and Distance

How to determine scale and distance by use of representative fraction and graphic scale (5 min—1957—Film Reference).

5-2417 Map Reading, Basic—Using the Protractor

Use of protractor to find the azimuth or “street” along which to travel to reach a destination (5 min—1957—Film Reference).

5-2445 Demolitions—Detonating Cord Priming

How detonating cord and accessories are used to fire single and multiple charges—Procedures for priming demolition blocks, dynamite, plastic, and cratering charges—Splicing technique and manner of attaching cord to explosive is stressed (9 min—1958—Film Reference).

5-2449 Explosives in Combat

Techniques and devices used for cratering; clearing roadblocks, trees, frozen and weeded terrain; demolished bridges; clearing tank barriers, etc. (10 min—1957—Film Reference).

5-2450 Demolitions—Electric Priming

Procedure for priming TNT blocks, dynamite, M1 and M2 demolition blocks, plastic and cratering charges—Use of galvanometer—Proper and safe assembly—Proper technique for firing the firing system (6 min—1958—Film Reference).

5-2451 Demolitions—Non-electric Priming

Non-electric priming of TNT blocks, plastic explosives, dynamite and ammonium nitrate cratering charge—Waterproofing primer for underwater use (8 min—1957—Film Reference).

5-2452 Demolition—Placing, Spacing, and Tamping Breaching Charges

Depicts the procedure for placing, spacing, and tamping of internal charges to breach a wall, pier, concrete slabs, and pavement—Tamping material requirements, calculating and placing of charges, and amount of explosives for each operation are emphasized (5 min—1957—Film Reference).

5-2453 Land Mine Warfare, Pull-release Firing Device, M-3

Employment and operation of Pull-release Firing Device M-3 is discussed—Testing, arming, and disarming the M-3 and its use with grenades, explosive charges, and the Universal Destructor are detailed (8 min—1957—Film Reference).

5-2457 Crane-Shovel Unit, Detaching the Shovel Front

Depicts the procedure for detaching the shovel front from the crane-shovel power unit—Stress is placed on inspection, lubrication and coiling of cables, after removal (8 min—1957—Film Reference).

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5-2458 Crane-Shovel Unit, Attaching the Piledriver

Details the procedure for attaching the piledriver leads—Reeving and anchoring hammer hoist cable and pile cable—Lubrication of equipment prior to use (6 min—1957—Film Reference).

5-2459 Crane-Shovel Unit, Attaching the Backhoe

Step-by-step procedure for attaching an A-Frame rigging suspension, hoist and drag cables—Anchoring boom and A-Frame—Lubrication of equipment prior to operation (7 min—1957—Film Reference).

5-2460 Crane-Shovel Unit, Attaching Clamshell and Dragline Buckets

Installation of lattice-type boom—Details in attaching the buckets—Stress on installing and reeving of cables properly (7 min—1957—Film Reference).

5-2461 Crane-Shovel Unit, Attaching the Crane Front End

Use of lattice-type boom—Installation of suspension cable and crane hoist line—Reeving and anchoring two- and three-part crane hoist lines (7 min—1957—Film Reference).

5-2462 Guided Missile Equipment—NIKE—Elevator Locking Bar Cylinder, Replacement and Adjustment

Step-by-step procedure for replacing and adjusting the elevator locking bar cylinder—Stresses on cleaning all parts and connectors of cylinder (6 min—1957—Film Reference).

5-2463 Guided Missile Equipment—NIKE—Flow Control and Door Cushioning Adjustment

Step-by-step procedure in adjusting flow control and door cushioning to permit synchronous and smooth operation of NIKE pit doors (5 min—1957—Film Reference).

5-2464 Guided Missile Equipment—NIKE—Elevator Locking Bar Cylinder, Removal

Procedure for removing elevator locking bar cylinder for repairs or replacement (6 min—1957—Film Reference).

5-2465 Guided Missile Equipment—NIKE—Door Cylinders, Removal

Demonstrates the step-by-step procedure in removing door cylinders for repair or replacement, underscoring prescribed safety precautions (7 min—1957—Film Reference).

5-2466 Guided Missile Equipment—NIKE—Part I—Four-way Valves, Disassembly

Step-by-step procedure in disassembly of four-way valves in NIKE elevator hydraulic system—Stresses on care to avoid damage or loss of O-ring (9 min—1957—Film Reference).

5-2467 Guided Missile Equipment—NIKE—Power Unit Belt Replacement

Removal of old set of belts—Installing new set—Determining belt tension—Adjusting motor and pump pulleys—Checking proper belt position and tension (9 min—1957—Film Reference).

5-2468 Guided Missile Equipment—NIKE—Two-way Valve, Disassembly and Assembly

Step-by-step procedure for disassembly and assembly of the two-way valves in hydraulic system of the NIKE elevator (7 min—1957—Film Reference).

5-2469 Guided Missile Equipment—NIKE—Bleeding Door Cylinders

Procedure for bleeding a single cylinder or four cylinders simulta-

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neously to assure complete removal of air from hydraulic system (5 min—1957—Film Reference).

5-2506 Guided Missile Equipment—NIKE—Part II—Four-way Valves, Assembly

Step-by-step procedure for assembly of four-way valves in NIKE elevator hydraulic system—Stresses on cleaning and protecting all parts (6 min—1957—Film Reference).

5-2598 Operator's Adjustment D-7 Tractor—Part VI—Caterpillar Cable Control

Describes the common malfunctions of control unit mounted on D-7 and D-8 tractors—Illustrates corrective measures to be taken by the operator—Procedures and tools used to make brake, brake spring tension, and clutch adjustments (8 min—1958—Film Reference).

5-2677 Atomic Demolitions—Part I—T46E2 Demolition Firing Device (U)
(7 min—1959—Color—Film Reference—This film is classified SECRET-RESTRICTED DATA)

5-2680 Atomic Demolitions—Part IV—Forward Assembly Tests—T46E2 Demolition Firing Device (U)
(8 min—1959—Color—Film Reference—This film is classified SECRET-RESTRICTED DATA)

5-2681 Atomic Demolitions—Part V—T-4 Munition (U)
(9 min—1959—Color—Film Reference—This film is classified SECRET-RESTRICTED DATA)

5-2682 Principles of Anchoring Floating Bridges

Factors considered in planning anchorage are reviewed—Features and application of four major systems—Anchorage with guy lines, kedge anchors, combination of guy lines and kedge anchors, and anchor cable with bridle lines—How anchorage systems are assembled and installed (33 min—1959—Film Reference).

5-2683 M4T6 Floating Bridge

Features, components, and assembly of the M4T6 Floating Bridge capable of carrying a 55-ton load in strong currents—Methods of installation are demonstrated in detail (33 min—1959—Film Reference).

5-2734 Panel Bridge Bailey Type M-2—Part IV—Multi-Span Bridges and Panel Crib Piers

Consists of a 180°, class 50, two-span Bailey, as a broken and as a continuous span bridge—Stress on planning, proper position of piers, and maintenance (38 min—1959—Film Reference).

5-2758 The Mine Detecting Set AN/PRS-4

Features, components and capability to detect metallic and non-metallic mines; assembly, testing and operation of equipment; safety precautions and proper maintenance (14 min—1959—Film Reference).

5-2876 Camouflage—Part I

Principles and methods of camouflage in combat-planning stage, occupation stage, maintenance stage, and evacuation stage (28 min—1960—Color—Film Reference).

5-2973 Basic Engineer Reconnaissance

Purpose, scope, and conduct of general and special engineer reconnaissance; action of reconnaissance team in making ground, air, and

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- special reconnaissance; tactical value of engineer reconnaissance (16 min—1960—Film Reference).
- 6-1227 Laying the Field Artillery Battery**
Teaching and standardizing procedures in laying a field artillery battery (15—1943—Film Reference).
- 6-1498 Field Artillery Sight Tests and Adjustments**
Function and technique of testing and adjusting field artillery sighting equipment with 105-mm howitzer equipment (27 min—1949—Film Reference).
- 6-1533 Countermortar**
Countermortar methods of locating enemy mortar—Forward observers—Air observation and photographs—Analysis of craters—Countermortar radar—Electronics observation posts—Prisoner interrogation—Relaying information to division artillery—Setting up fire mission to neutralize enemy mortars (25 min—1949).
- 6-1686 Crater Analysis**
Operation and techniques of crater analysis—Determination of enemy weapon and location by crater analysis resulting from shell-fire—Method of relaying information to rear—Correlation of crater analysis with additional sources of information as a basis for counter-fire and countermortar missions (21 min—1952).
- 6-1757 Field Artillery Radar**
Discussing and illustrating tasks that can be accomplished by radar units organic to field artillery—Importance of weapons location—Detection of enemy mortar shell—Tracking second shell by radar with direct-support battalion—Location and destruction of enemy mortar location (22 min—1953—Film Reference).
- 6-1775 Field Artillery Sound Ranging**
The mission, capabilities, limitations, and operation of sound-ranging platoons of the field artillery observation battalion—Locating enemy artillery—Registering friendly artillery—Using sound-on-sound adjustment (23 min—1953—Film Reference).
- 6-1813 Field Artillery Reconnaissance, Selection and Occupation of Position—Part I—From Rendezvous**
Principles and procedures for planning the field artillery reconnaissance, selection and occupation of position, from the rendezvous through to the start of firing by the battery (31 min—1953—Film Reference).
- 6-1814 Field Artillery Reconnaissance, Selection, and Occupation of Position—Part II—From the March**
A combat situation showing field artillery reconnaissance, selection, and occupation of firing position from the march (22 min—1953—Film Reference).
- 6-1962 Service of the Piece, 280-mm Gun**
Atomic capability of the 280-mm gun—How the weapon is serviced—Duties and responsibilities of the gun crew—Emplacement and firing—Reduction of malfunction (34 min—1955—Film Reference).
- 6-1991 Service of the Piece—105-mm Howitzer**
Capabilities—Uncoupling the piece—Preparing for action—Fire commands and fuze settings—Care and cleaning of the weapons—

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Coupling and locking weapon into position for travel (34 min—1955—Film Reference).

6-2201 The Field Artillery Observation Battalion

How battalion gathers, reports, and evaluates information to accomplish target acquisition (22 min—1956).

6-2258 Introduction to Flash Ranging

How flash-ranging platoon spots and reports targets and battle-field information to artillery units—Capabilities and limitations of flash ranging (18 min—1956).

6-2374 The 762mm Rocket—Part I—Introduction to the System

(16 min—1957—Film Reference.)

6-2375 The 762mm Rocket—Part II—Mechanical Assembly

Transfer of components from cargo truck to rocket trailer—Mechanical assembly of components on trailer—Safety precautions (14 min—1957—Film Reference).

6-2376 The 762mm Rocket—Part III—Electrical Testing

Checks on rocket motor, flight cap, motor igniter continuity and ground, spin-rocket continuity and ground—Safety precautions (16 min—1957—Film Reference).

6-2377 The 762mm Rocket—Part IV—Loading

Removal of assembled rocket from trailer—Loading on rocket launcher—Use of wrecker boom and handling beam—Duties of crewmen (13 min—1957—Film Reference).

6-2378 The 762mm Rocket—Part V—Preparation for Action

Laying and leveling launcher—Emplacing and leveling wind-measuring set—Placing aiming posts—Recording deflection (19 min—1957—Film Reference).

6-2379 The 762mm Rocket—Part VI—Firing and March Order

Electrical checkouts, application of firing data and wind corrections, firing of rocket, equipment set in traveling position, march order command (20 min—1957—Film Reference).

6-2401 The CORPORAL Battalion, Part I—Introduction to the System (U)

Initial distribution to Army Film and Equipment Exchanges for loan to Artillery, Ordnance and other personnel concerned with the CORPORAL on a need-to-know basis (23 min—1957—Film is classified CONFIDENTIAL).

6-2402 The CORPORAL Battalion—Part II—Description of Equipment

Trailer, test station, ground-guidance stations, tracking equipment, power and control equipment, erector, loading equipment, warhead, launcher, firing station (25 min—1957—Film Reference).

6-2403 The Corporal Missile—Fueling Operation

Step-by-step procedures in acid filling and aniline fueling operations—Safety precautions are stressed (35 min—1957—Film Reference).

6-2404 Corporal Missile—Defueling Procedure

Equipment and steps involved in the draining of a Corporal-type missile on the launcher because of ruptured propellant tanks' venting valves—Covers both the draining of acid and the draining of aniline—Compares similarities and differences of both procedures (25 min—1959—Film Reference).

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- 6-2424 Artillery Orientation by Sun and Star—Part II—The Hour-Angle Method**
Computing the true azimuth of Polaris, converting true azimuth to grid azimuth, use of corps grid coordinates for effective fire (12 min—1957—Film Reference).
- 6-2757 The LaCrosse Battalion, Introduction to LaCrosse System—Part I—General Operation and Functioning (U)**
(32 min—1959—Film is classified CONFIDENTIAL.)
- 6-2798 The LaCrosse Battalion, Introduction to LaCrosse System—Part II—Description of Equipment (U)**
(30 min—1959—Film is classified CONFIDENTIAL.)
- 6-2800 Artillery Battalion Survey—Part I—Methods**
Purpose and methods of survey astronomic observation, traverse, triangulation, intersection, and 3-, 2-, and 1-point resection (24 min—1959—Film Reference).
- 6-2804 Weapons of the Field Artillery**
Features, capabilities, use and operation of: 105mm-, 155mm-, and 8-inch howitzers; 280mm gun; Honest John; LaCrosse; Corporal; Redstone (30 min—1960—Color—Film Reference).
- 6-2850 Artillery Orientation by Sun and Star—Part I—The Altitude Method**
Principles applied in computing the true azimuth by means of the altitude method of solar observation to give accuracy to artillery fire (15 min—1960).
- 6-2875 Artillery Battalion Survey—Part II—Planning and Execution**
Value of survey for artillery fire: Formulation of survey plan: methods used to establish survey control; and determine positions for various battalion elements (21 min—1960—Film Reference).
- 7-680 Ski Safety**
Ski safety precautions against excessive speed, faulty waxing, improperly adjusted bindings, and pack equipment—Remedies for overheating, sunburn, and snow blindness (21 min—1942—Film Reference).
- 7-681 Ski Safety—First Aid and Emergency Repair of Equipment**
First aid for various types of ski accidents—Correct methods of handling and removing injured—Emergency repair of equipment (41 min—1942—Film Reference).
- 7-993 Infantry Hasty Field Fortifications—Part I: Individual Intrenchments**
Effective procedures in digging intrenchments under fire—Preparing temporary stands in field combat—Individual trench or foxhole, spider hole, prone shelter or slit trench—Effective camouflage of individual intrenchments (22 min—1943—Film Reference).
- 7-1131 Infantry Hasty Field Fortifications—Part II—Emplacement of the Light and Heavy Caliber .30 Machine Gun**
When, where, and how, to dig emplacements for light and heavy caliber .30 machine guns—Types of foxholes, their particular use, and how to camouflage them during digging and after completion (20 min—1943—Film Reference).
- 7-1263 The Bayonet Fighter**
Use of bayonet—Confidence in its uses—Various positions—Individual and group assault tactics (21 min—1943—Film Reference).

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7-1303 Stream-crossing Expedients—Part I—Crossing of Personnel

Improvised methods by which infantrymen can get themselves and their equipment across a stream when engineers are not available (16 min—1944).

7-1304 Stream-crossing Expedients—Part II—Flotation of Weapons, Equipment, and Vehicles

Flotation of vehicles and heavy weapons across streams—Construction of raft made from canvas cover of weapons carrier, braced by truck bows or saplings—Its use to transport weapons, ammunition, and equipment of a mortar or machine gun—Large truck wrapped up and floated across stream (15 min—1944—Film Reference).

7-1475 Military Rock Climbing—Technique of Climbing

Organization of the two- and three-man climbing teams—Climbing equipment and its correct use—Teams climbing and descending various types of formations—Types of holds—Knots to be tied—Emphasis on individual attention and judgment for each rock (32 min—1948—Film Reference).

7-1480 Military Rock Climbing—Movement of Combat Units

Procedures for moving and operating with certain types of equipment in mountainous areas—Individual rock climbing—Safety factors—Use of field expedients—Methods of handling organizational equipment in difficult terrain—Transporting sick and injured (31 min—1948—Film Reference).

7-1507 The Rifle Platoon in Attack on Fortified Positions

Fortified positions from Great Wall in China to Maginot and Siegfried Lines of WW II—Neutralization of fortified positions—Establishment of fortified positions, site, and construction—Rifle platoon destroying an enemy pillbox (30 min—1950—Film Reference).

7-1518 Summer Mountain Movements and Bivouacs

Training methods and standards used to overcome special problems of troops and materiel in mountains during summer—Marching techniques—Substitution of animals for motor vehicles—Variety of bridges—Difficult hazards—Choice and defense of bivouac (26 min—1949—Film Reference).

7-1550 Combat in Deep Snow and Extreme Cold

Techniques of combat under conditions of deep snow and extreme cold in forested areas of arctic—Infantry rifle company on 2-day combat mission in enemy territory—Applicable techniques and survival methods (21 min—1950).

7-1642 The Reinforced Rifle Platoon in the Attack of a Built-up Area—Part II—The Attack

Depicts tactical planning, preparation and execution of an attack on enemy-held town by reinforced rifle platoon—Advantages of surprise, firepower, and teamwork (35 min—1954—Film Reference).

7-1714 Reconnaissance Patrols

Type of terrain best suited for daylight and nighttime reconnaissance patrols—Operation of a night reconnaissance patrol to detect and report certain information on the enemy in a given sector prior to a major attack—Planning and mission of the patrol—Camouflage of men—Selection of equipment and route—Report by patrol leader to battalion

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command post upon accomplishment of mission (32 min—1951—Film Reference).

7-1750 Combat Patrols

A patrol leader's report of accomplishment of a night combat patrol mission against enemy opposition—Emphasizing importance of staff coordination, preparation of men and equipment, rehearsals, and teamwork (37 min—1952—Film Reference).

7-1867 Front Line Rifle and Weapons Squad in Defense

Defensive mission, reconnaissance, fragmentary defense order—Squad leaders formulate plan for defense—Orientation on administrative, logistical, command and signal matters—Platoon leader issues fire order—Successful repelling of the enemy in close combat (23 min—1954—Film Reference).

7-1947 Dismounted Drill—Part I—Squad Drill—Part II—Platoon Drill

Purpose and nature of drill—Commands—Command voice—Composition, basic formations, and movements of squad and platoon (32 min—1955—Film Reference).

7-2185 Cycle of Operation Caliber .30 Machine Gun—Part I—Feeding

Action within the receiver during feeding—Positioning of cartridge against cartridge stops—Grasping of cartridge by extractor—Positioning of cartridge by extractor for chambering (7 min—1955—Film Reference).

7-2186 Cycle of Operation Caliber .30 Machine Gun—Part II—Chambering

Forcing cartridge into chamber—Forcing ejector away from cartridge—Positioning of extractor to grasp another cartridge (4 min—1955—Film Reference).

7-2187 Cycle of Operation Caliber .30 Machine Gun—Part III—Locking

Action of the bolt on the accelerator of the lock frame allowing the recoiling group to move forward—Seating of breech lock into breech recess—Locking the recoiling groups together (5 min—1955—Film Reference).

7-2188 Cycle of Operation Caliber .30 Machine Gun—Part IV—Firing

Action within the weapon from the time the trigger is raised until striker of firing pin ignites the primer in the cartridge (6 min—1955—Film Reference).

7-2189 Cycle of Operation Caliber .30 Machine Gun—Part V—Unlocking

Unlocking action, showing rearward movement of recoiling parts—Separation of the bolt from the barrel and barrel extension (6 min—1955—Film Reference).

7-2190 Cycle of Operation Caliber .30 Machine Gun—Part VI—Extraction and Ejection

Actions within the receiver during extraction and ejection—Showing how during extraction the empty cartridge case is pulled from the chamber and how during ejection the cartridge case is forced out of the receiver (4 min—1955—Film Reference).

7-2202 Trigger Squeeze M1 Rifle

Correct method of squeezing trigger of M1 rifle—Emphasis on proper trigger squeeze for accurate fire (5 min—1955—Film Reference).

7-2215 Cycle of Operation Caliber .30 Machine Gun—Part VII—Cocking

Cocking action, showing how the firing pin spring is compressed by

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the cocking lever as the bolt moves to the rear (7 min—1955—Film Reference).

7-2230 Technique of Machine Gun Fire—Part VIII—Field Zeroing the Light Machine Gun M1919A6 on Bipod Mount

How gunner adjusts line of aim so that weapon delivers accurate fire on target (6 min—1956—Film Reference).

7-2231 Technique of Machine Gun Fire—Part IX—Measuring Angles, Caliber .30 Light Machine Gun M1919A6 on M2 Mount

How gunner measures and records horizontal angle readings to engage targets under any condition of visibility (8 min—1956—Film Reference).

7-2232 Technique of Machine Gun Fire—Part X—Zeroing the Light Machine Gun M1919A6 on Tripod M2

How the gunner adjusts the line of aim so that weapon delivers accurate fire on target (5 min—1956—Film Reference).

7-2395 Basic Military Skiing—Part I—Selection and Care of Equipment

Selecting skis and poles—Adjusting skis for proper fit—Cleaning, tarring, and waxing skis—Fitting and care of ski climbers—Care of equipment in field (17 min—1956—Film Reference).

7-2396 Basic Military Skiing—Part II—Skiing Techniques

Walking on level terrain—Falling and recovery—Cross-country skiing with and without poles—Single and double poling—Changing direction—Skiing uphill—Climbing on skis (29 min—1956).

7-2397 Individual Fighting Techniques on Snow

Advancing on skis—Handling ski equipment—Firing techniques (rifle and automatic weapons)—Camouflaging men and equipment—Construction of fighting positions—Protection of weapons (23 min—1956—Film Reference).

7-2433 The 106mm Rifle—Part I—Introduction to the Weapon

Characteristics, components, use and operation—How it is fired from truck and ground—Safety precautions—Disassembly into two-load breakdown (8 min—1957—Film Reference).

7-2434 The 106mm Rifle—Part II—Duties of the Crew and Service of the Piece

Duties of the four-man crew of the 106mm Rifle—Procedures for loading, firing, unloading, and clearing weapon—Preparing weapon for travel (7 min—1957—Film Reference).

7-2435 The 106mm Rifle—Part III—Crew Drill on Vehicular Mount

Duties of crewmen in carrying out the before-, during-, and after-firing commands—Importance of crew drill to develop speed and efficiency is stressed (6 min—1957—Film Reference).

7-2436 The 106mm Rifle—Part IV—Dismounting and Mounting the Rifle

Duties of crewmen in dismounting and mounting the weapon—Stressing speed, precision, and teamwork in executing crew drills (6 min—1957—Film Reference).

7-2438 The 106mm Rifle M40A-1—Part VI—The Stadia Sight

Components, stadia principles, and method of plotting stadia lines—Use of stadia lines to determine range of targets of known and unknown dimension—Use of spotting rifle with stadia sight (12 min—1958—Film Reference).

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7-2456 The 3.5-Inch Rocket Launcher M20A1B1 and Ammunition

Features of weapon and ammunition—Functioning and use against tank, emplacement and personnel in combat—Techniques used for good marksmanship (26 min—1959—Film Reference).

7-2550 Reporting Enemy Information

Methods and techniques of gathering and reporting enemy information by individual soldier—Correct observation and search techniques—Complete and accurate reporting of enemy activity—Use of reported information by S-2 Officer (23 min—1958—Film Reference).

7-2551 Counterintelligence in Combat

Purpose of counterintelligence in combat—Depicts the three major categories employed to deny the enemy information, to deceive him, and to detect and neutralize his subversive activity—Operation of frontline checkpoint—Apprehension of the agent (28 min—1958—Film Reference).

7-2580 Helicopterborne Operations

Typical helicopterborne assault—Attack order—Loading, moving, and unloading of troops and equipment—Action of supporting ground and air elements—Seizure of objective—Evacuation of casualties—Advantages for successful ground tactics in terms of speed, mobility, and flexibility (24 min—1958—Film Reference).

7-2634 Jungle Operations—Part I—How to Live in the Jungle

How to survive in jungle under combat conditions—Nature of jungle terrain, plant and animal life—Safe foods—Water purification—Maintenance of weapons—Construction of shelters—Safe movement across jungle terrain—Sanitation and personal hygiene—Protection against heat and disease (19 min—1958).

7-2635 Jungle Operations—Part II—Technique of Jungle Combat

Methods and precautions used in day and night operations—Limitations of jungle fighting—Logistical planning and methods of supply—Security measures—Recognition of jungle noises—Troop movement, communications, equipment and firepower, offense and defense tactics—Evacuation of wounded and resupply (23 min—1958—Film Reference).

7-2636 Leadership—Precommissioned Series—Assumption of Command, Problem 1

A second lieutenant reporting for duty for the first time admits his lack of confidence to his unit commander (6 min—1958—Film Reference—Specific audience limitations: U.S. Military Academy; Officer Candidate School; ROTC Students, senior year; Commissioned Officers, Junior and Company).

7-2637 Leadership—Precommissioned Series—Assumption of Command, Problem 2

A young inexperienced sergeant, about to take over command of a squad, overhears the men in the squad discuss him unfavorably (6 min—1958—Film Reference—Specific audience limitations: U.S. Military Academy; Officer Candidate School; ROTC Students, senior year; Commissioned Officers, Junior and Company).

7-2638 Leadership—Precommissioned Series—Assumption of Command, Problem 3

An acting squad leader, unpopular with the men, recommends stern action by the new leader to show how to lay down the law to the dis-

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pleased men—Inform them just how “we’re gonna run this squad” (6 min—1958—Film Reference—Specific audience limitations: U.S. Military Academy; Officer Candidate School; ROTC Students, senior year; Commissioned Officers, Junior and Company).

7-2639 Leadership—Precommissioned Series—Senior-Subordinate Relations, Problem 1

A first lieutenant is assigned to a new unit commanded by another first lieutenant, who is a personal friend and his senior by 5 days—The officer thinks he is better qualified than the unit commander—He reports a day late and begins to take over. (4 min—1958—Film Reference—Specific audience limitations: U.S. Military Academy; Officer Candidate School; ROTC Students, senior year; Commissioned Officers, Junior and Company).

7-2640 Leadership—Precommissioned Series—Senior-Subordinate Relations, Problem 2

A second lieutenant who had relied on his master sergeant when he assumed command of the unit, assumes control as he gains experience to the displeasure of the sergeant (4 min—1958—Film Reference—Specific audience limitations: U.S. Military Academy; Officer Candidate School; ROTC Students, senior year; Commissioned Officers, Junior and Company).

7-2641 Leadership—Precommissioned Series—Senior-Subordinate Relations, Problem 3

Three sergeants expecting consideration for a master sergeant vacancy close ranks against the newly appointed master sergeant—Work suffers and the new master sergeant is forced to report the situation to the lieutenant-in-charge (5 min—1958—Film Reference—Specific audience limitations: U.S. Military Academy; Officer Candidate School; ROTC Students, senior year; Commissioned Officers, Junior and Company).

7-2642 Leadership—Precommissioned Series—Physical Leadership, Problem 1

The men of an ammunition convoy in a combat zone are frightened by mortar and artillery fire—Drivers leave their trucks and refuse to comply with the lieutenant’s order to continue on the route (4 min—1958—Film Reference—Specific audience limitations: U.S. Military Academy; Officer Candidate School; ROTC Students, senior year; Commissioned Officers, Junior and Company).

7-2643 Leadership—Precommissioned Series—Physical Leadership, Problem 2

A squad of men detailed to clear a road of mines refuse to go back to work after one of the men is killed and another is wounded by an exploded mine (8 min—1958—Film Reference—Specific audience limitations: U.S. Military Academy; Officer Candidate School; ROTC Students, senior year; Commissioned Officers, Junior and Company).

7-2644 Leadership—Precommissioned Series—Physical Leadership, Problem 3

An ammunition handler and an ammunition bearer are assigned as gunner and assistant gunner to replace the three men that were killed or injured during firing practice—The crew has another misfire and the men are afraid to remove it (8 min—1958—Film Reference—Specific audience limitations: U.S. Military Academy; Officer Candidate School; ROTC Students, senior year; Commissioned Officers, Junior and Company).

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7-2645 Leadership—Precommissioned Series—Instructional Techniques for Small Unit Leaders, Problem 1

A sergeant who is fed up with the business of instructing trainees violates every rule pertaining to military instruction (5 min—1958—Film Reference—Specific audience limitations: U.S. Military Academy; Officer Candidate School; ROTC Students, senior year; Commissioned Officers, Junior and Company).

7-2646 Leadership—Precommissioned Series—Instructional Techniques for Small Unit Leaders, Problem 2

A lieutenant with a know-it-all attitude is assigned to conduct a class in leadership for noncommissioned officers—Arriving late and totally unprepared, he does a poor job and the men fall asleep. (7 min—1958—Film Reference—Specific audience limitations: U.S. Military Academy; Officer Candidate School; ROTC Students, senior year; Commissioned Officers, Junior and Company.)

7-2647 Leadership—Precommissioned Series—Chain of Command, Problem 1

A train commander, a lieutenant, overrides a car commander's (master sergeant) orders—The car commander is unaware of this and reproves a sergeant for disobeying his order (4 min—1958—Film Reference—Specific audience limitations: U.S. Military Academy; Officer Candidate School; ROTC Students, senior year; Commissioned Officers, Junior and Company).

7-2648 Leadership—Precommissioned Series—Chain of Command, Problem 2

A private is ordered by his lieutenant to dig up a heater somewhere for his jeep—The driver cannibalizes a heater from a dead-lined jeep and is discovered (5 min—1958—Film Reference—Specific audience limitations: U.S. Military Academy; Officer Candidate School; ROTC Students, senior year; Commissioned Officers, Junior and Company).

7-2649 Leadership—Precommissioned Series—Chain of Command, Problem 3

A private is ordered off a mess detail by the company commander, unknown to the mess and supply officer—When discovered, the officer proceeds to rebuke the mess sergeant, and the private, for the private's absence without finishing his work (5 min—1958—Film Reference—Specific audience limitations: U.S. Military Academy; Officer Candidate School; ROTC Students—senior year; Commissioned Officers, Junior and Company).

7-2700 Leadership—Post-Commissioned Series—Staff and Subordinate Commander Relationship, Problem 1

A platoon of men are dismissed as the S3 walks by, none of them stop to salute him—Angrily the S3 requests the company commander to give the men additional instruction in military courtesy—The commander refuses, stating that it was an accident (5 min—1958—Film Reference—Specific audience limitations: Commissioned Officer level ONLY, to include advanced and associate advanced officers, associate company officer, and basic officer courses).

7-2701 Leadership—Post-Commissioned Series—Staff and Subordinate Commander Relationship, Problem 2

The S3 and S4, both majors, have words over a changed assignment—Unable to resolve their differences, they decide to bring the problem to the attention of the group commander (4 min—1958—Film Reference—Specific audience limitations: Commissioned Officer level

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ONLY, to include advanced and associate advanced officers, associate company officer, and basic officer courses).

7-2702 Leadership—Post-Commissioned Series—Staff and Subordinate Commander Relationship, Problem 3

A company commander, unable to check the training of his men because of excessive paperwork, complains to the S1, to no avail—He takes his problem to the group commander (7 min—1958—Film Reference—Specific audience limitations: Commissioned Officer level **ONLY**, to include advanced and associate advanced officers, associate company officer, and basic officer courses).

7-2706 Leadership—Post-Commissioned Series—Handling of Subordinate Leaders in Combat, Problem 1

A platoon leader committed to a critical mission confesses his lack of confidence to the company commander (6 min—1958—Film Reference—Specific audience limitations: Commissioned Officer level **ONLY**, to include advanced and associate advanced officers, associate company officer, and basic officer courses).

7-2707 Leadership—Post-Commissioned Series—Handling of Subordinate Leaders in Combat, Problem 2

A company commander crawls within grenade-throwing distance of enemy gun emplacement—Puts gun out of action—Following day a group commander, considering a promotion for the company commander, invites the opinions of his staff on the officer's leadership qualities (6 min—1958—Film Reference—Specific audience limitations: Commissioned Officer level **ONLY**, to include advanced and associate advanced officers, associate company officer, and basic officer courses).

7-2708 Leadership—Post-Commissioned Series—Handling of Subordinate Leaders in Combat, Problem 3

A sergeant who had been wounded badly in combat is assigned to the rear area of a supply unit—He shows his contempt for rear-area echelon supply by driving his men mercilessly (6 min—1958—Film Reference—Specific audience limitations: Commissioned Officer level **ONLY**, to include advanced and associate advanced officers, associate company officer, and basic officer courses).

7-2709 Leadership—Post-Commissioned Series—Utilization of Personnel, Problem 1

A company commander is reluctant to give up one of his good men to his group commander—This move would mean a better job for the man and a better man for the job at headquarters (4 min—1958—Film Reference—Specific audience limitations: Commissioned officer level **ONLY**, to include advanced and associate advanced Officers, associate company officer, and basic officer courses).

7-2711 Locating Enemy Weapons

The three major methods employed to gather timely counterfire information in combat—Observation, crater analysis, and techniques of sound ranging—Also shows how Shelreps are channeled and used at counterfire operations headquarters to assist our forces (27 min—1959—Film Reference).

7-2750 Troop Movement by Air—Air Force Aircraft

Features and use of C-130, C-124, C-123, and C-119 in tactical

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movements; planning and execution of air movements—Loading of men and equipment, and safety measures (24 min—1959—Film Reference).

7-2759 Known Distance Rifle Marksmanship

Practical application of elements in training on 1,000-inch range; aiming, firing positions, firing technique, rapid fire exercise, and adjusting sight settings (28 min—1959—Film Reference).

7-2760 Range Management

Features, origin and operation of known distance and 1,000-inch ranges; layout, duties of personnel, equipment and targets used, and spotting, disking and scoring targets (17 min—1959).

7-2796 Trainfire I

US Army standard marksmanship course—Firing instruction on 25-meter target detection, field firing, and record firing ranges (25 min—1960).

7-2797 Army Pathfinder Team

Preparation and execution of helicopterborne operations, establishing and operating landing zones for fixed-wing aircraft—Establishment and operation of drop zones—Day and night operation shown (30 min—1959—Film Reference).

7-2824 Rifle Company as an Advance Guard

Mission of advanced guard in combat; organization and conduct of dismounted and mounted advanced guard with, and without, attached tank and engineer elements (31 min—1960).

7-2828 90-mm Full Tracked Self-Propelled, Gun, M56

Features and capability of weapon and its ammunition—Antitank and direct-fire roles—Combat and maintenance duties of the gun crew—Organization and tactical mission of airborne assault platoon (22 min—1960—Film Reference).

7-2868 Rifle Squad and Platoon in Defense

Planning, preparation and tactics for defense—Responsibilities of squad and platoon leaders; conduct of defense against night attack; reorganization of platoon after attack (27 min—1960—Film Reference).

7-2872 Ranger

Objectives and curriculum of ranger training course—Three phases of training: basic military skills, waterborne and jungle warfare, and mountain warfare (28 min—1960—Film Reference).

7-2888 Troop Movement by Motor

Daylight march planning; staff coordination and unit preparation; methods of regulation and control duties of advance and quartering parties; organization and conduct of open column march (30 min—1960—Film Reference).

7-2889 Foot Marches

Preparation and conduct of tactical foot march at company level—Duties of leaders, control measures, march discipline, and physical and mental considerations (23 min—1960).

7-2969 Reinforced Rifle Company in the Attack

Assault plan: Infantry and tank action—Nuclear weapons, artillery and mortar support—Assault and seizure of objective—Consolidation and reorganization—Preparation to continue attack on new objective (35 min—1960—Film Reference).

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8-1297 Personal Health in Snow and Extreme Cold

Principles of living and operating in cold—Conserving body energy—First aid for snow injuries—Type of clothing—Cleanliness—Overall cold-weather technique for keeping healthy (19 min—1944—Film Reference).

8-1343 Care of the Sick and the Injured—Part I: Morning Care

Morning care of patients—Breakfast—Importance of attractive service—Dietary patients—Feeding the helpless—Ward policing (7 min—1944—Film Reference—From Navy Film MN 1511-B).

8-1346 Care of the Sick and the Injured—Part IV: Temperature, Pulse, and Respiration

Correct way of taking temperature, pulse, and respiration—Places where pulse beat may be found (15 min—1944—Film Reference—From Navy Film MN 1511-I).

8-1366 Hypodermic Needles and Syringes—Their Care and Function

Construction, cleaning, sharpening, and sterilizing hypodermic syringes—Cleaning syringe after use, removing stains, and freeing stuck plunger (16 min—1944—Color—Film Reference—Commercial Adaptation).

8-1378 Clinical Malaria

Activity of anopheline mosquito—Life cycle of malaria parasite in human blood stream—Studies of symptoms and course of disease—Comparison of benign, tertian, quartan, and malignant tertian malaria (26 min—1944—Film Reference).

8-1383 Care of the Sick and the Injured—Enemas

Retention type and evacuation type enemas—Procedure in administering—Care of patient and equipment (20 min—1944—Film Reference—From Navy Film MN 1511-V).

8-1388 The Heart and Circulation

Chest and heart diagram—Types of breathing and correlated heart sounds—Mechanism of heart action illustrated by picture of turtle heart and animated diagram of valve action—Importance of heart and nerve stimuli on heart rates (10 min—1944—Film Reference—Commercial Adaptation).

8-1389 Mechanism of Breathing

How air is drawn into the lungs—Various functions of breathing mechanism—Animated diagrams and photographs of simple experiments (11 min—1944—Film Reference—Commercial Adaptation).

8-1390 Digestion of Foods

Food intake, digestion, and absorption—Artificial stimulation of nerve to salivary glands by electricity to increase flow of saliva—Interrelationships of stomach, intestine, and digestive glands (10 min—1944—Film Reference—Commercial Adaptation).

8-1391 Control of Body Temperature

Physiological experiments—Role of nerve endings, heart rate, and skin—Primary mechanism of skin temperature dependent upon dilation of capillaries, sweating, and relaxation of skin muscles (11 min—1944—Film Reference—Commercial Adaptation).

8-1392 The Work of the Kidneys

The renal system—Formation of urine—Regulation of blood composition—Functioning of bladder—Relation of blood pressure to

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urine flow—Rate of secretion as affected by sugar, water, and temperature—Animated drawings and laboratory demonstrations (11 min—1944—Film Reference—Commercial Adaptation).

8-1394 The Eyes and Their Care

Practical vision maintenance—Diagrams of eye—Details of component parts—Types and defects of vision (11 min—1944—Film Reference—Commercial Adaptation).

8-1395 Endocrine Glands

Elementary summary of how some endocrine glands affect living beings—Experiments on parathyroid, pituitary, and thyroid glands—Description and results (11 min—1944—Film Reference—Commercial Adaptation).

8-1396 Body Defenses Against Disease

Body defense mechanisms and their manner of repelling or combating bacteria—Ways in which the skin walls off invading organisms—Importance of vaccines and serum therapy (11 min—1944—Film Reference—Commercial Adaptation).

8-1428 Care of the Sick and Injured—The NP Patient

Handling and care of neuropsychiatric patients (28 min—1945—Film Reference—From Navy Film MN 1511-R).

8-1429 Physiology of Anoxia—The Basis of Inhalation Therapy

Oxygen entering tissue from lungs while state of anoxic, anemic, stagnant, or histotoxic anoxia is present—Respiratory system—Respiration increase during heavy labor—Illnesses where anoxia may be present (Technical film for professional personnel only—22 min—1945—Film Reference—Commercial Adaptation).

8-1460 Care of the Sick and Injured—Chain of Asepsis

Sterile technique—Importance of sterile linens, preoperative preparation of patient, scrub technique, preparation of the operating room, and maintenance of chain of asepsis during operation (30 min—1945—From Navy Film MN 1511-F).

8-1461 Care of the Sick and Injured—Enemy Bacteria

Necessity for meticulous cleanliness in surgery—Entry of bacteria into bloodstream—Action of bacteria—Resultant effect on patient (29 min—1945—Color—Film Reference—From Navy Film MN 1511-L).

8-1467 Control of Louse-borne Disease

Control of louse-borne diseases through personal and barracks sanitation—Use of DDT and other insecticides (15 min—1946—Film Reference).

8-1468 DDT in the Control of Household Insects

Effective methods of controlling household insects—Responsibilities of Corps of Engineers and Medical Department—Methods of applying DDT in its three forms—Equipment used to apply DDT against houseflies, cockroaches, and bedbugs—Living and breeding habits of these insects (17 min—1948—Film Reference).

8-1476 Our Food and Our Health

Importance of proper eating habits as a factor in maintaining individual soldier's health and well-being (15 min—1948—Color—Film Reference).

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8-1495 Control of Mosquito-borne Diseases

Cooperation of Army, Navy, and Air Force personnel in research and control of mosquito-borne diseases—Importance of proper clothing—Equipment needed for spraying and destroying breeding places of carriers of malaria, dengue, brain fever, and filariasis (19 min—1948—Film Reference).

8-1501 The Stowaway—Part I—Disease and Personal Hygiene

Obvious and obscure ways in which disease is spread by food-handling personnel—Proper sanitary precautions and remedies (17 min—1948—Film Reference).

8-1502 The Stowaway—Part II—Galley Sanitation

Personal hygiene of food-handling personnel—Importance of sanitation in preventing spread of disease (24 min—1948—Film Reference).

8-1503 The Stowaway—Part III—Food Storage

Careful inspection of food by U.S. Army Veterinary Corps, Bureau of Animal Industry, and Port Food Service Inspector prior to procurement and use aboard troop transports—Proper facilities for food storage—Detailed principles of proper storage and preservation of food (13 min—1949—Film Reference).

8-1520 Isolation Technique

Correct procedures, techniques, and precautions used in handling cases requiring isolation in hospitals (18 min—1948—Film Reference—From Navy Film MN 1511-X).

8-1536 The Medical Examination—Part I—Importance

Importance of medical examination for military and civilian personnel—Attitude of examining doctor—Doctor-patient relationship—Doctor-doctor relationship—Doctor-administrator relationship—All important factors in proper conduct of medical examination and maintenance of accurate records (19 min—1949—Film Reference).

8-1537 The Medical Examination—Part II—History

Reviewing Form 89, Report of Medical History, prior to medical examination—Evaluation of patient's physical handicaps in relation to his occupational duties (17 min—1950—Film Reference).

8-1538 The Medical Examination—Part III—Examination

Composition of typical examining team used in large-scale examinations—Progression of examinees from phase to phase of operation—Coordinating each step in examination with item-by-item format of Forms 88 and 89, Report of Medical Examination (17 min—1950—Film Reference).

8-1576 Hospital Food Service Personnel Training—Part II—The Individual

Importance of observing rules concerning personal cleanliness and sanitary work habits to prevent spread of germs (13 min—1950—Film Reference).

8-1577 Hospital Food Service Personnel Training—Part III—Equipment

Importance of cleanliness in food handling—Danger of food poisoning—Proper rules for cleaning equipment—Loosening dirt, dissolving or emulsifying dirt, rinsing and drying (12 min—1950—Film Reference).

8-1578 Hospital Food Service Training—Part IV—Serving Food

Importance of serving food in an appetizing manner—Types of duties (15 min—1950—Color—Film Reference).

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8-1586 Fractures—An Introduction

Modern concept of treating a fracture—Mechanism, pathology, repair, and management of fractures (27 min—1949—Film Reference—Commercial Adaptation).

8-1660 Nursing Care in Poliomyelitis

Necessary care in successful treatment of poliomyelitis patients—Nursing care—Treatment of spasm—Care of the respirator patient—Convalescent care (70 min—1951—Color—Film Reference—Commercial Adaptation).

8-1665 Personal Hygiene

Good personal hygiene—Detailed care of hair, teeth, feet and body (30 min—1950—Film Reference).

8-1669 The Rat Problem

Destructiveness of the rat—Contamination it causes—Rat as a carrier of disease—Blood poisoning caused by rat bites—Transmittal of plague from rat to man by rat fleas—Necessity for using scientific method to control rats (25 min—1950—Film Reference).

8-1670 Habits and Characteristics of the Rat—Part I—The Norway Rat

Activities and characteristics of the Norway rat (28 min—1950—Film Reference).

8-1671 Habits and Characteristics of the Rat—Part II—The Roof Rat

Habits of the roof rat—Comparison of the roof with the Norway rat (13 min—1950—Film Reference).

8-1672 Sanitation Techniques in Rat Control

Conditions necessary to rat life—Methods of interior and exterior ratproofing (21 min—1950—Film Reference).

8-1673 Practical Rat Control—Ratproofing

Ratproofing key to permanent rat control—Examples of rat's gnawing ability—Basic materials used in ratproofing—Use of mobile workshop in ratproofing—Island theory of rat control—Best and most economical method of ratproofing—Continuous rat sanitation (19 min—1950—Film Reference).

8-1674 Practical Rat Control—Rat Killing

Eliminating requisites for rat existence—Poisons—Mechanical devices—Importance of control and experienced exterminators—Area control methods (37 min—1951—Film Reference).

8-1675 Rat Ectoparasite Control

Infection of man with murine typhus and plague by rat flea—Positive methods of killing fleas with DDT—Elimination of rats to prevent dreaded communicable diseases (12 min—1951—Film Reference).

8-1683 Evacuation of Casualties

Outlines the work and responsibilities of medical department personnel—Purposes of various medical installations in the chain of evacuation—Process from battalion aid to stateside hospitals (33 min—1952—Film Reference).

8-1691 General Effects of Heat on Man

Hot-room tests on human body conducted at Medical Department Field Research Laboratory, Fort Knox Kentucky—Effects of heat on human body during military operations—Controlled laboratory conditions to simulate climates of deserts and tropical jungles—Dehydration,

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heat exhaustion, and heat stroke—Preventive measures and first aid treatment—Adequate water intake—Water-and-salt balance—Proper clothing—Shelter against sun—Proper eating habits—Differences between dry and damp heat (21 min—1951—Film Reference).

8-1705 Transportation of Casualties

Removal of casualties from combat area—One- and two-man carrier and the use of litters to ambulances, trucks, DUK W's, hospital trains, aircraft, and ships—Improvisation when lacking standard equipment—Use of litter sleds in far north—Special methods in mountainous terrain—Hospital ships and transport aircraft used to transport casualties to permanent hospitals in ZI (26 min—1951—Film Reference).

8-1706 Speech Reading

Ease with which people suffering from a hearing loss may learn to increase other powers of perception, especially the sense of sight and see what people are saying—Methods of learning how vowel and consonant sounds are formed by the mouth—What to observe—The technique of observation demonstrated by an internal film which the audience is assumed to be viewing directly through the eye of the camera (28 min—1952—Distribution limited to ZI and Hawaii—Film Reference).

8-1708 Hospital Sanitation

Hospital window cleaner, whose work takes him through the entire hospital, narrates story of hospital cleanliness—What it takes to keep outer grounds, offices, clinics, laboratories, storerooms, elevators, corridors, and wards germ-free—Special precautions to clean contaminated bedding in isolation wards—Purity of water supply (14 min—1951—Film Reference).

8-1761 Medical Planning for a Task Force Operation

Joint operations of Army, Navy, and Air Force require long-term medical planning—The task force surgeon designates responsibilities such as these among the three services: defense against biological, atomic, and chemical warfare; estimates of required hospitalization quarters and number of fixed beds; immunization-fighting personnel against endemic diseases; provisions for adequate medical units, supplies, and specialized medical personnel in the combat area; detailed plans for evacuation of wounded by sea and air (32 min—1952—Film Reference).

8-1786 Human Reproduction

Using models and animated drawings to explain the story of human reproduction—Anatomy and physiology of male and female reproductive organs—Fertilization—Development of human embryo—Processes of normal human birth (22 min—1953—Film Reference—Commercial Adaptation).

8-1816 Purification of Water

Types and dangers of untreated water—Unit and individual techniques for water purification in the field—Application of chemical treatment, filtering, and boiling (20 min—1955).

8-1841 Hospital Food Service Personnel Training—Part I—Introduction

Showing the departments, equipment, menu planning, and food preparation procedures typical of hospital food service—Emphasizing

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proper food handling and preparation, and the importance of cleanliness and timeliness (16 min—1953—Film Reference).

8-1944 The Hospital Ward Team

Composition, contributions, and responsibilities of hospital ward team—Emphasis on role of the medical technician, a key member of the team (23 min—1955—Film Reference).

8-2080 Plaster Casts

Duties of plaster technician—Plaster room and equipment—Technician assisting surgeon to apply casts (38 min—1948—Film Reference).

8-2083 Swinging Into Step

Rehabilitation and morale—Teaching amputees to return to normal living (33 min—1945—Film Reference).

8-2090 Ward Care of Psychotic Patients

Duties and methods used by ward attendants in caring for psychotic patients in closed wards (41 min—1945—Film Reference).

8-2093 Strictly Personal (WAC)

Factors in molding a better figure—General grooming—Use of cosmetics—Functioning of female body (36 min—1945—Film Reference).

8-2125 It's Up to You

Three typical adjustment cases to military life—Common problems of fear, anxiety, anger, and insecurity—Positive approaches of handling such problems result in easier and better adjustment—Emphasis on understanding of inner feelings as key to adjustment (32 min—1955—Film Reference).

8-2198 Resuscitative Care of the Severely Wounded

Arresting hemorrhage—Splinting fractures—Plasma infusion—Alleviation of pain and anxiety—Pre-operative, surgical, and post-operative care (24 min—1957—Color—Film Reference).

8-2292 First Aid—Part I—Major Wounds and Fractures

Treatment for wounds of the chest, belly, head and face—Fractures of jaw, leg, elbow, arm, ribs, neck, and back (33 min—1957—Color—Film Reference).

8-2293 First Aid—Part II—Everyday Emergencies

Treatment for snake bite—Poisoning—Foreign object in eye, ear, and nose—Choking—Splints—Faintness—Artificial respiration—Electric shock (20 min—1956—Film Reference).

8-2295 Mess Sanitation

Mess sanitation principles in storing foods, preparing meals, serving meals, care of leftovers, garbage disposal, and care of flies (25 min—1956—Distribution to Army Film and Equipment Exchanges in CONUS and Overseas for loan to interested units).

8-2383 Operating Room Procedures

Duties of the circulating, instrument, and suture technicians—Packing articles required for operation—Preparing required instruments—Proper sterilization procedures—Preparing and checking operating room equipment—Making sponge counts (21 min—1957—Color—Distribution primarily to Central Film and Equipment Ex-

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changes and Film and Equipment Exchanges at Army Hospitals—From Air Force Film TF 1-8149).

8-2471 Basic Care of Patients—Part I—Cleaning the Patients Unit and Making an Unoccupied Bed

Stripping bed of soiled linen—Cleaning bed, chair, and bedside cabinet—Making bed with clean linen—Final straightening of the unit (15 min—1957—Film Reference).

8-2472 Basic Care of Patients—Part II—The Bed Bath

Preparation for bath—Equipment, technique, and sequence used by corpsman—Stress on psychological and physical value of bath for patient's recovery (17 min—1957—Film Reference).

8-2473 Basic Care of Patients—Part III—Making an Occupied Bed

Positioning the patient—Sequence and technique for removing foundation linen, draw sheets, top sheets, and pillow cases—Replacing them with clean counterparts (17 min—1957—Film Reference).

8-2474 Basic Care of Patients—Part IV—Physical Comforts

Mouth care of conscious and unconscious patients—Changing position of patient in bed—Use of helpful appliances (11 min—1957—Film Reference).

8-2475 Basic Care of Patients—Part V—Feeding the Patient

How corpsman prepares patient for meals, serves trays, assists semi-helpless and postoperative patients, and feeds helpless patients (8 min—1957—Film Reference).

8-2476 Basic Care of Patients—Part VI—The Enema

Proper way to administer cleansing enema—Preparation of equipment and solution—Preparation of patient—Administering the enema—Aftercare of patient and equipment—Observation of results (10 min—1957—Film Reference).

8-2477 Basic Care of Patients—Part VII—Sterile Technique

Sterilizing equipment with moist heat, dry heat, and chemicals—Handling sterile equipment—Care of equipment when not in use—Keeping area being treated sterile (13 min—1957—Film Reference).

8-2478 Basic Care of Patients—Part VIII—Preoperative Care

Mental and physical care given the patient before surgery—Duties of each member of the medical team—Stress on allaying patient's fears (9 min—1957—Film Reference).

8-2479 Basic Care of Patients—Part IX—Postoperative Care

Preparation of bed and unit—Transfer of unconscious patient to his bed—Care during unconscious state and as he regains consciousness (12 min—1957—Film Reference).

8-2524 Prevention of Cold Injuries

Defines nature and symptoms of cold injuries in combat covering dry and wet cold—Basic rules for prevention of cold injuries in the field are demonstrated (20 min—1958—Film Reference).

8-2539 Control of Hemorrhage

External and internal arterial and venous bleeding—Hemorrhage in specific areas of the body—Various types of hemorrhage and methods of control—When tourniquet should be used—Proper application of various types of tourniquets and safety measures to be observed (20 min—1958—Color—Film Reference).

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8-2579 Dental Health

Causes, symptoms, and effects of unhealthy teeth—Pitfalls of improper diet and neglect—Type of tooth and gum infections—Proper diet and good oral hygiene is stressed (17 min—1958).

8-2582 Clinical Shock

Causes, symptoms, and treatment of primary and secondary types of shock—Management of burn and cardiac patients, and those with spinal cord injuries (28 min—1959—Film Reference).

8-2588 First Aid—Part III

Symptoms of 1st, 2d, and 3d degree burns; first aid for serious burns caused by flame, hot liquid, white phosphorus, acid, and alkali (14 min—1960—Color—Film Reference).

8-2675 Management of Mass Casualties—Part VI—Sorting

Doctrine and concepts in sorting various types of casualties encountered in nuclear weapon warfare, where medical personnel and facilities available are inadequate to meet medical requirements—Four major classifications are: minimal, immediate, delayed, and expectant treatment (13 min—1959—Color—Film Reference).

8-2676 Management of Mass Casualties—Part VIII—Management of Mechanical Injuries

Medical and surgical treatment of casualties after nuclear attack—Shows first aid measures to control hemorrhage, protect wounds, prevent and treat shock and splint fractures, under field combat conditions—Sorting casualties into prescribed categories of immediate and delayed treatment (19 min—1959—Color—Film Reference).

8-2712 Management of Mass Casualties—Part X—Management of Psychological Casualties

Current doctrine and operating principles in the management of psychological casualties under nuclear disaster conditions—Sorting of casualties demonstrating symptoms of normal disaster reactions, mild incapacity, moderate reactions, and severe effects—Early treatment is required to alleviate thirst, pain, and minor injuries (24 min—1959).

8-2713 Management of Mass Casualties—Part IX—Burns

Symptoms of 1st, 2d, and 3d degree burns; application of Rule of Nines to establish size of burn area; treatment for mild, moderate, and severe burn cases.

8-2754 Nursing Care with a Stryker Frame

Describes features and function of frame—Nursing techniques required in operating the frame—Transferral of patient from bed or litter to frame—Placing, positioning, and turning of patient on frame (15 min—1958—Film Reference).

8-2762 Heat Disorders—General Effects of Heat on Man

Causes, symptoms, treatment, and prevention of heat disorders encountered by troops in hot climate: heat cramps, exhaustion, and stroke (22 min—1960—Film Reference).

9-960 Gun, Automatic, 40-mm M1—Principles of Operation

Vital parts of gun and functioning processes—Recoil, recuperator, breech mechanism, and buffer—Loading, firing, and recoil—Difference between single loading and automatic loading of ammunition (25 min—1943—Film Reference).

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- 9-1122 Military Optical Instruments—Part III—Observation and Measuring Instruments**
Field glasses—BC telescope—Aiming Circle—Rangefinder—Height finder (14 min—1943—Film Reference).
- 9-1167 Military Optical Instruments—Part I—Optical Principles**
Principles of lenses, prisms, and mirrors—Explanation of reflection, refraction, total reflection, and inversion of images by convex lenses (10 min—1943—Film Reference).
- 9-1168 Military Optical Instruments—Part II—Sighting Instruments**
Optical systems in typical sighting instruments—Straight tube telescopes, periscopes, and panoramic telescopes (13 min—1943—Film Reference).
- 9-1172 US Rifle, Caliber .30, M1—Principles of Operation**
Functioning principle of rifle—Operation (15 min—1943—Film Reference).
- 9-1205 Rifle, Automatic, Caliber .30, Browning M1918A2—Principles of Operation**
Rearward movement of recoiling parts—Action of gases—Action of hammer—Unlocking—Extraction—Ejection—Buffer—Actuator functions—Processes of feeding, locking, and firing in forward movement of recoiling parts—Function of trigger mechanism in normal and slow fire (16 min—1943—Film Reference).
- 9-1213 The Synchromesh Transmission—Principles of Operation**
Operating principles of synchromesh transmission developed for M4 tank and other army vehicles—Function of sliding gear clutch—Description of synchromesh device (25 min—1943—Film Reference).
- 9-1258 Lubrication of Military Vehicles—Part I—Principles of Lubrication**
Functions of lubrication—Effect of friction—Need for constant lubrication—Oils appropriate to vehicle, temperature, and climatic conditions (25 min—1943—Film Reference—Commercial Adaptation).
- 9-1264 The Automotive Clutch—Principles of Operation**
Clutch demonstrated on simple model which shows engine flywheel, drive shaft, and differential in their proper relationship (9 min—1944—Film Reference).
- 9-1268 The Bevel Gear Differential—Principles of Operation**
Principles of operation of bevel gear differential shown by means of simple model built step by step (12 min—1944—Film Reference).
- 9-1269 The Automotive Transmission—Principles of Operation**
Function of transmission to supply varying amounts of torque as required—Cutaway model reveals grouping of gears permitting selective control of amount of torque delivered to drive wheels (20 min—1944—Film Reference).
- 9-1282 Automotive Gears—Principles of Operation**
Functions and purposes of basic types of gears—Ratio of gears (20 min—1944—Film Reference).
- 9-1285 The Controlled Differential—Principles of Operation**
Importance of controlled differential for steering—Operation (21 min—1944—Film Reference).
- 9-1286 Elementary Principles of Torque**
Basic principles of torque—Uses—Determination of amount—

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- Multiplication by gears—Relation to vehicle (16 min—1944—Film Reference).
- 9-1318 Beware—Butterfly Bomb**
Danger of butterfly bombs—Types of fuzes—How they function on impact, above ground, and up to ½-hour delay (29 min—1944—Film Reference—From Navy Film BC 602).
- 9-1358 Packaging of Materiel for Oversea Shipment—Part I—Cleaning, Preserving, and Wrapping**
Principles of cleaning, preserving, and packaging materiel for oversea shipment (30 min—1944—Film Reference).
- 9-1359 Preparation of Materiel for Oversea Shipment—Part II—Packing and Boxing**
Principles of packing materiel for export shipment—Packing interior containers—Making waterproof liners—Construction of boxes (29 min—1944).
- 9-1371 Internal Combustion Engine—Principles of Operation**
Basic operating principles of four-cycle internal combustion engine—Function of crankshaft—Valve operating mechanism for overhead valve arrangement—Power overlap on engine models (13 min—1944—Film Reference).
- 9-1374 Preparation of Materiel for Oversea Shipment—Part III—Crating**
Crating materiel for export—Step-by-step demonstration—Method II pack (31 min—1944).
- 9-1376 The Oil Gear Hydraulic Traversing Mechanism—Principles of Operation**
Basic operation—Functioning of oil through elevated mechanism (21 min—1944).
- 9-1427 Torque Converter—Principles of Operation**
Principles of torque converter—Parts and operation of converter—Dual function of torque converter as clutch and transmission (20 min—1945).
- 9-1445 The M2 Carbine—Principles of Operation**
Principles of semiautomatic fire—Modification for automatic fire (15 min—1945—Film Reference).
- 9-1447 Fuel Pump—Principles of Operation**
Purpose of fuel pump—Operational theory—Mechanical functioning—Emergency mechanical device (12 min—1945).
- 9-1448 Fundamentals of Small Arms Weapons—Part I—The Cycle of Operation**
Components of small arms ammunition—Similarity of function and ammunition of small arms—Eight steps of cycle operations—Chambering, locking, firing, unlocking, extracting, ejecting, cocking, and feeding (19 min—1945).
- 9-1449 Fundamentals of Small Arms Weapons—Part II—Principles of Automatic Operation**
Types of small arms operations other than manual—Gas operating BAR. and M1 rifles—Blowback used with low-pressure cartridges in M3 submachine guns with no positive lock—Recoil used on pistols and machine guns (13 min—1946—Film Reference).

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9-1450 Fundamentals of Small Arms Weapons—Part III—Semiautomatic and Automatic Fire

Firing mechanisms—Two firing methods—Automatic—Semiautomatic (10 min—1945).

9-1469 Field Evaluation of Erosion in Cannon Bores

Phases of erosion—Erosion checks—Measuring bore erosions—Determining condemnation limits for various weapons (11 min—1948—Film Reference).

9-1472 Fundamental Principles of Fuzes

Detonation of various types of bombs, rockets, shells, and mines—Mechanical means of timing and delaying explosions (23 min—1948—Film Reference).

9-1512 Fundamentals of Ballistics

Interior ballistics—Type and characteristics of various powder grains—Exterior ballistics—Effects of resistance and gravity—Trajectory—Methods to overcome problems involved—Terminal ballistics—Types of fuzes and explosives—Types of projectiles, including penetration, blast, and fragmentation (19 min—1949—Film Reference).

9-1531 Automotive Electricity for Military Vehicles—Part VI—Principles of Operation of the Automotive Magneto

General function of automotive magneto—Advantages of magneto ignition over battery ignition—Essential fundamentals—Two- and four-pole magnetos (14 min—1949—Film Reference).

9-1652 Guided Missiles—Theory of Operation

Operation—Four component parts of guided missiles (16 min—1950).

9-1655 Establishment of a Field Ammunition Supply Point

Choosing site for field ammunition supply point—Rolling ammunition supply points used in fluid tactical situation (27 min—1950).

9-1778 Basic Blacksmith Operations

This film teaches basic metalworking operations, emphasizing the use of tools and equipment to handle the job of keeping military equipment in operating condition—The advantages and use of the side-banked fire, plain-open fire, and deep-hollow fire are also discussed (26 min—1952—Film Reference).

9-1810 Explosive Ordnance Disposal—Access and Recovery

Approved procedures and materials employed to locate and dispose of unexploded missiles—Shaft digging and timbering operations with standard template, sheathing, waling rings, studding, and wedges—Deactivating and removing fuze from shaft—Three rigging methods for hoisting bomb to surface: gin-pole, shear-legs, and tripod (21 min—1953—Film Reference).

9-1855 Planetary Gears, Principles of Operation—Part I—Single sets

Defining the use and mechanical operation of the planetary gears used in armored vehicles—Analyzing the components and their relation to operation in neutral position, gear reduction, overdrive, reverse, and direct drive (18 min—1953—Film Reference.)

9-1856 Planetary Gears, Principles of Operation—Part II—Multiple Sets

Demonstrating the principles governing the operation of multiple sets—Limitations of single planetary gears—Greater mobility and speed of multiple sets—Review of three laws of planet carriers (15 min—1953—Film Reference).

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9-1859 Ammunition Supply Point (ASP) Operation

Operation of a typical ammunition supply point—Details of receipt and issue of ammunition—Details of issuing ammunition to using unit in field—Accountability—Reports, stock inventories, surveillance missions (25 min—1954—Film Reference).

9-1861 Browning Machine Gun Caliber .30—Principles of Operation

Purpose and function of two types of Browning machine gun caliber .30—Water-cooled M1917A1 and air-cooled models—Discussion of component parts of weapon—Explanation of eight steps in cycle of operation—Demonstration of weapon functioning in the field shows firepower capabilities and value to tactical unit (21 min—1954—Film Reference).

9-1869 Recoil Mechanisms, Principles of Operation, Hydrospring Type

Relationship between firepower and recoil mechanisms—Analysis of functions of recoil mechanism, hydrospring type—Explanation of how the hydrospring type performs these functions—Two variations of hydrospring mechanism are shown (separate cylinder and the concentric) (33 min—1954—Film Reference).

9-1875 VT Fuzes—Field Artillery

Components, operational characteristics, and application of the two standard types of VT fuzes (M97 and M96) and CVT models (T227E2 and T226E2)—Methods of handling and firing—Advantages and limitations against various types of targets (25 min—1955—Film Reference).

9-1881 Explosive Ordnance Disposal—Range Clearance

Approved procedures and safety regulations for range clearance—Duties of explosive ordnance disposal (EOD) officer and enlisted personnel (17 min—1954—Film Reference).

**9-1948 Recoil Mechanisms, Principles of Operation, Hydropneumatic Type—
Part I—Dependent System**

Explanation and illustration of functioning and principles of operation of dependent type—Detailed demonstration of three phases of operation: recoil braking, counterrecoil, and buffing—Employed in field artillery (12 min—1954—Film Reference).

**9-1949 Recoil Mechanisms, Principles of Operation, Hydropneumatic Type—
Part II—Independent System**

Brief review of functions and principles of operation of the dependent and independent systems—Discussion and illustration of operation of independent system, covering recoil-braking phase, counterrecoil phase, and buffing (16 min—1954—Film Reference).

**9-1951 Methods of Solution to the Antiaircraft Artillery Fire Control Problem—
Part I—The Linear Speed Method**

Basic principles of linear speed method for solving AAA fire control problem to combat targets beyond 1,000 yards altitude (11 min—1954—Film Reference).

9-1952 Guided Missile Propellents—Basic Characteristics

Chemical and physical properties of guided missile propellents—How they function—Their hazardous nature—Safety precautions—Storage and handling techniques—Theory of propulsion—Safe use of fuels and oxidizers (25 min—1955—Color—Film Reference).

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- 9-1953 The Fluid Coupling—Principles of Operation**
Component parts, operation, and action of fluid coupling—Value to vehicle and driver (13 min—1954—Film Reference).
- 9-1992 Hydraulic Controls in the Hydramatic Transmission**
Basic shifting patterns of hydramatic transmission—Principles and applications of up-shifting and down-shifting (26 min—1955—Film Reference).
- 9-2007 Disposal of Unusable Ammunition and Explosives—Part I—General Principles and Disposal at Sea**
Reasons and methods for disposal of ammunition and explosives at sea (10 min—1943—Film Reference).
- 9-2026 Care and Use of Hand Tools—Part I—Wrenches**
Advantages and uses of various wrenches—Dangerous and incorrect practices—Resultant damages (19 min—1943—Film Reference).
- 9-2027 Care and Use of Hand Tools—Part II—Pliers and Screwdrivers**
Proper use of pliers and screwdrivers—Safety precautions (14 min—1943—Film Reference).
- 9-2028 Care and Use of Hand Tools—Part III—Chisels**
Types of cold chisels—Correct use—Techniques and safety precautions (12 min—1943—Film Reference).
- 9-2029 Care and Use of Hand Tools—Part IV—Hammers**
Correct use and care of hammers—Ball, straight, cross-peen, sledge, and clawhammers (11 min—1943—Film Reference).
- 9-2030 Care and Use of Hand Tools—Part V—Bars, Punches, and Drifts**
Common misuse of bars, punches, and drifts—Specific purpose and correct use (14 min—1943—Film Reference).
- 9-2031 Care and Use of Hand Tools—Part VI—Hacksaws**
Proper and improper use of hacksaw—Types of frames and uses (18 min—1943—Film Reference).
- 9-2045 Field Repair of Gun, 155-mm, M1A1 and Carriage, Gun, 155-mm, M1**
Repairs of 155-mm gun—Contact parties—Field shop in operation (31 min—1944—Film Reference).
- 9-2046 Field Repair of Howitzer, 105-mm, M2A1, and Carriage, Howitzer, 105-mm, M2**
Repairs on 105-mm howitzer—Use of tools in field (25 min—1944—Film Reference).
- 9-2050 Howitzer, 105-mm, M2A1, and Carriage M2—Principles of Operation**
Characteristics and adaptability of howitzer—Parts—Firing cycle (21 min—1944—Film Reference).
- 9-2052 Handling and Transporting Aerial Bombs—Part I—100-, 250-, and 500-Pound Bombs**
Approved method of loading—Finning and fuzing—Unloading and returning unused bombs from plane to revetment (35 min—1944—Film Reference).
- 9-2053 Handling and Transporting Aerial Bombs—Part II—1,000-, 2,000-, and 4,000-Pound Bombs**
Approved methods of loading and unloading—Use of bomb lift truck M22 for 4,000-pound bombs—Finning and fuzing (25 min—1944—Film Reference).

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- 9-2058 Fundamentals of Artillery Weapons—Part I—Types and Components of Cannon**
Guns, howitzers, and mortars—Operating principles of percussion hammer, inertia, and continuous pull-type firing mechanism (28 min—1944—Film Reference).
- 9-2059 Fundamentals of Artillery Weapons—Part II—Types and Components of Carriage**
Fixed and mobile carriages—Railway, self-propelled, and towed mobile carriages—Fixed barbette and disappearing type carriages (22 min—1944—Film Reference).
- 9-2064 Air Brakes—Principles of Operation**
Function of each unit in airbrake system—Compressed air routes traces—Operation (25 min—1944—Film Reference).
- 9-2065 Hydraulic Brakes—Principles of Operation**
Hydraulic principle—Advantages of liquid linkage—Development of mechanical advantage in hydraulic brake system—Operation (24 min—1944—Film Reference).
- 9-2066 Electric Brakes—Principles of Operation**
Units of electric brake system—Function (13 min—1944—Film Reference).
- 9-2085 Shop Safety**
Accidents—Causes—Safety rules for arc and gas welding—Hoisting methods—Working with machinery—Use of tools—Lifting and pushing heavy objects—Handling gasoline (28 min—1945—Film Reference).
- 9-2119 Explosive Ordnance Reconnaissance**
Explosive ordnance reconnaissance procedures after air raids—Identifying and reporting incidents—Protective action to minimize hazards—Operations at CD Control Center (26 min—1957—Film Reference).
- 9-2120 Ammunition—Storage and Handling**
Application of the igloo method—Handling ammunition manually and with warehouse equipment—Proper storage techniques—Safety precautions (31 min—1955—Film Reference).
- 9-2121 The Field Stock Control System**
Basic principles and outstanding features of the new field stock control system—Merits over old system are underscored—First installed and operated in Korea in spring of 1951 (28 min—1955—Film Reference).
- 9-2122 Antiaircraft Artillery Fire Control Systems—Part I—Introduction to Antiaircraft Fire Control Systems**
Operation of basic elements of the AAA fire control system, explaining how each element helps to solve the AAA fire control problem (6 min—1955—Film Reference).
- 9-2123 Antiaircraft Artillery Fire Control Systems—Part II—The Skysweeper Integrated Fire Control System T-38**
General characteristics, advantages and limitations—Basic elements of the T-38 system—How each element operates: radar, periscope, computer, power control system, cable system, and target selector (21 min—1955—Film Reference).

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- 9-2193 Automotive Trouble Shooting—Part IV—Sealed Electrical Systems**
Techniques and test equipment used for pinpointing and correcting typical malfunctions in the 24-volt sealed electrical system used in army vehicles—Components of the system—Safety measures to prevent damage to test equipment, the system, and injury to the individual (28 min—1955—Film Reference).
- 9-2194 Automotive Trouble Shooting—Part II—Engine Tune-up**
Manifold vacuum and compression tests—Checks on battery and ignition cable, distribution and ignition timing, battery clearance, fuel system, and carburetor (33 min—1956).
- 9-2195 Methods of Solution of the Antiaircraft Artillery Fire Control Problem—Part III—Similar Triangles**
How the smaller triangle in the sighting device of the weapon is adjusted to be similar to the larger triangle to determine the predicted position of the target (14 min—1955—Distribution in CONUS and overseas—Film Reference).
- 9-2199 Antiaircraft Artillery Fire Control Systems—Part IV—The Integrated Fire Control System M33**
Explains how the M33 solves the AAA fire control problem by three methods (linear speed, tangetical, and quadratic)—Functions of primary components of the system—Characteristics, capabilities, and limitations of the M33 system (18 min—1955—Distribution in CONUS and Overseas—Film Reference).
- 9-2218 Recovery Equipment—Part I—M62 Medium Wrecker, Operation of Powered Equipment Controls**
Procedures for setting and operating the boom, front winch and rear winch (14 min—1956).
- 9-2219 Recovery Equipment—Part II—M74 Medium Recovery Vehicle, Operation of Powered Equipment Controls**
Setting and operation of controls of spade, auxiliary winch, tow winch, "A" frame type boom, and boom winch as applied to typical recovery situation (16 min—1956—Film Reference).
- 9-2222 Guided Missile Propellants—Fire Hazards and Extinguishment**
Elements and fire hazards of oxidizers and fuels—First aid fire-fighting methods—Methods of fighting large fires with fire trucks and installed equipment (21 min—1957—Color—Film Reference).
- 9-2240 Supercharging and Fuel Injection**
Defines purpose, components, operation, and effects of supercharging and fuel injection systems used in army vehicles to increase engine horsepower (20 min—1956—Film Reference).
- 9-2253 Carburetor—Principles of Operation**
How air-fuel mixture is supplied to engine—Functioning of components—How air pressure differential is utilized—Application of Venturi principle—Operation of circuits (25 min—1956—Film Reference).
- 9-2254 Hydraulic Steering—Principles of Operation**
Functioning of major components—Principles of pressure differential, ability of system to resist road shock, and kickback of steering wheel (14 min—1956—Film Reference).
- 9-2300 NIKE I Missile Test Equipment, Preliminary Operations (U)**
(8 min—1957—Film Reference—Distribution limited to Army Film

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and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

9-2320 Missile ORD-6 Test Equipment, Position 2 (Part A), Signal Data Converter Tests (U)

(4 min—1957—Film Reference—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

9-2321 Missile ORD-6 Test Equipment, Position 2 (Part B), Signal Data Converter Tests (U)

(6 min—1957—Film Reference—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

9-2322 Missile ORD-6 Test Equipment, Position 1, Guidance Section Tests, Position 2, Part A, Amplifier-Decoder Radar Modulator Tests (U)

(5 min—1957—Film Reference—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

9-2323 Missile ORD-6 Test Equipment, Position 2, Part B, Amplifier-Decoder and Radar Modulator Tests (U)

(5 min—1957—Film Reference—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

9-2324 Missile ORD-6 Test Equipment, Position 3 (Part A), Power Unit and Control Amplifier Tests (U)

(6 min—1957—Film Reference—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

9-2325 Missile ORD-6 Test Equipment, Position 3 (Part B), Power Unit and Control Amplifier Tests (U)

(5 min—1957—Film Reference—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

9-2326 Missile ORD-6 Test Equipment, Position 3 (Part C), Power Unit and Control Amplifier Tests (U)

(4 min—1957—Film Reference—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

9-2329 Automotive Electricity for Military Vehicles—Part I—Principles of Automotive Electrical Circuits

Accessory, starting motor, ignition, and generator-charging circuits—Comparison of two-wire and single-wire electrical systems—Characteristics of open, ground, and short circuits (15 min—1957—Film Reference).

9-2330 Automotive Electricity for Military Vehicles—Part II—Principles of Operation of the Generator

Design and operation of automotive generator—How it converts mechanical energy into electrical energy—Relationship between electricity and magnetism (13 min—1957—Film Reference).

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9-2331 Automotive Electricity for Military Vehicles—Part III—Principles of the Starting Motor

Electrical and magnetic principles involved in the operation of the starting motor—How electrical energy is converted to mechanical energy (12 min—1957—Film Reference).

9-2332 Automotive Electricity for Military Vehicles—Part IV—The Ignition Circuit

Function, major components, and operation—Course of electrical current traced through components of ignition system—Relation of primary circuit, secondary circuit, and magnetic field to voltage intensity (11 min—1957—Film Reference).

9-2380 Automotive Trouble Shooting—Part III—The Fuel System

Function, major components, and operation—Causes and symptoms of system failure—Procedures for determining and correcting malfunctions (20 min—1957—Film Reference).

9-2500 Automotive Trouble Shooting—Part XI—Springs and Shock Absorbers

Features and operations of springs and shock absorbers in Trucks M-38 and M-135—Causes and effects of malfunctions—Detecting and correcting malfunctions (19 min—1957—Film Reference).

9-2507 Transportation of Ammunition—Part I—By Motor Vehicle

Inspection, certification, and placarding of vehicles; loading and securing various types of ammunition—Stress on lot integrity and compatibility (21 min—1957—Film Reference).

9-2508 Transportation of Ammunition—Part II—By Rail

Inspection, certification, and placarding of cars; loading and securing various types of ammunition—Stress on lot integrity and compatibility (13 min—1957—Film Reference).

9-2510 Fundamentals of Ammunition Renovation

Preparation and paperwork—Organization of site—Safety measures—Methods used with 105mm, 90mm, and 155mm ammunition, bazooka rocket, hand grenades, and mines (32 min—1957—Film Reference).

9-2532 Field Artillery Recoil Mechanisms—Part II—Direct Method of Checking Nitrogen Pressure

Procedure for checking and correcting the nitrogen pressure in recoil mechanism by the direct method to 105mm Howitzer—Covers: preparing the weapon, proper use of tools and test equipment, and safety practices (29 min—1957—Film Reference).

9-2533 Front Band Adjustment of Hydramatic Transmission 302M

Procedures for diagnosing and correcting a malfunctioning hydramatic transmission due to a worn or improperly adjusted front band—Teaching points include: transmission oil pressure test, idle speed check, stall speed test, and front band adjustment (7 min—1958—Film Reference).

9-2534 Fuel Pump, Carter Electric, Characteristics and Checks, GMC M135 Truck

Location, characteristics, and components of pump are reviewed—Use of vacuum pressure gage is demonstrated—Checking the electric circuits with low-voltage circuit tester (5 min—1958—Film Reference).

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9-2535 Operation of Winch, M135 Truck

Operation for both self-recovery and recovery of another vehicle from mired position—Preoperative adjustments, powering procedures, and correct use of winch are demonstrated (6 min—1958—Film Reference).

9-2536 Idle Mixture and Idle Speed Adjustment of Holley Carburetor 885 FFG

Procedure for adjusting the idle speed and mixture with stress placed on use and installation of electric tachometer and vacuum gage (5 min—1957—Film Reference).

9-2537 Ignition Timing—GMC Engine

Locating and checking timing marks—Positioning and adjusting distributor for correct timing—Proper use of power timing light—Road test to check ignition timing adjustment (5 min—1957—Film Reference).

9-2541 Preparation of Vehicles for Deep Water Fording—Part I—Wheel Vehicles

Application of pressurized and nonpressurized fording systems—Preliminary preparation of vehicle, installation of fording equipment, sealing and venting units—Precautions (24 min—1957—Film Reference).

9-2542 Preparation of Vehicles for Deep Water Fording—Part II—Track Vehicles

Components of fording kit—Installation of fording equipment and sealing and venting of units on the interior and exterior of a tank with 90mm gun (32 min—1957—Film Reference).

9-2543 Field Artillery Recoil Mechanisms—Part I—Indirect Method of Checking Nitrogen Pressure

Procedure for checking and the conditions that require the indirect method in preference to the direct method are reviewed—Demonstration of test as performed in 105mm Howitzer (24 min—1958—Film Reference).

9-2549 Cold Weather Operation—Automotive Winterization Equipment

Describes purpose, equipment, and procedure—Use and components of Arctic winterization and M40 Slave Kits—Winterizing a truck—Preventive maintenance before vehicle moves out—Steps in dewinterizing (38 min—1958).

9-2572 Transportation of Ammunition—Part IV—By Aircraft

Loading boxed small-arms ammunition, blasting caps and explosives, palletized 155mm HE projectiles, and crated 762mm rocket motor in C-124—Loading ammunition in helicopter—Unloading and inspecting for damage—Safety precautions (16 min—1958—Film Reference).

9-2583 Lubrication of Military Vehicles

Lubrication procedures, lubricants, and tools used for daily, weekly, monthly, semiannual, and annual inspections required for proper maintenance of vehicles—Need for lubricating vehicles after washing or fording (21 min—1958—Film Reference).

9-2585 Automotive Trouble Shooting—Part XVII—Hydraulic and Air-Hydraulic Brakes

Presents common operational troubles caused by faulty brakes—How to detect and correct—Trouble in uncontrolled swerving, laboring vehicle, or failure to stop—Fault may be in unequal tire pressure, loose or worn wheel bearings, leakage in wheel cylinder, master cylinder, or

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defects in pedal—Bleeding operation necessary to correct air in hydraulic lines as shown (29 min—1958—Film Reference).

9-2599 Automotive Electricity for Military Vehicles—Part V—Principles of Operation of the Generator Regulator

Discusses the design, function, components, and operation of the three-unit regulator—Application of the electro-magnetic relay—Operation of equipment in vehicle (16 min—1958—Film Reference).

9-2603 Automotive Trouble Shooting—Part XIX—Air Hydraulic Brake System, Principles of Operation

Location, construction, function, and operation of each component—Operation of entire system, showing complete brake application and partial braking—Advantages of air-hydraulic brake system (17 min—1958—Film Reference).

9-2684 Packing and Adjustment, M135 Truck Wheel Bearings

Proper methods for disassembly and cleaning wheel bearing components, and application of lubricant—Hand and power methods of packing—Reassembly and installation of wheel bearing components (7 min—1959—Film Reference).

9-2685 Throttle and Governor Linkage Adjustment, 90mm Gun, Tank M48A2

The adjustment, usually performed with power package installed, is shown on a dismounted engine—Adjustment of throttle and governor control rods—Use of vacuum gages for balancing left and right banks—Use of tachometer for engine idle and governor speed—With proper adjustment, tank can operate smoothly and effectively (7 min—1959—Film Reference).

9-2686 Bleeding the Brake System, M135 Truck

Procedure for bleeding a faulty brake system by using the pressure bleeder tank and by the manual method—Bleeding the control valves, master, slave, and wheel cylinders (6 min—1958—Film Reference).

9-2687 Steering Brake Band Adjustment, Full Track Armored Infantry Vehicle M59

How to locate and correct malfunction—Adjustment of right steering brake band—Adjustment inspection—Check of both laterals when brake is applied—Road test to insure completely controlled stop (4 min—1958—Film Reference).

9-2688 Transmission Band Adjustment of the CE 850, 90mm Gun Tank M48

Demonstrates the procedure for correcting maladjusted transmission bands in tank—Effect of band failure on vehicle operation—Adjustment of low and reverse range bands (4 min—1958—Film Reference).

9-2689 Transmission Brake Adjustment, 90mm Gun Tank M48A2

Importance of maintaining properly adjusted brakes for efficient tank operation—Adjustment with powerpack installed in tank—Disconnecting linkage from transmission—Adjustment procedure and final check (4 min—1958—Film Reference).

9-2690 Throttle Synchronization, M59 Armored Infantry Vehicle

Procedure for synchronizing the throttle linkage—Adjustment of throttle control rods—Synchronization of engines at idle speed and higher speed—Final adjustment—Road test to assure proper engine operation (6 min—1958—Film Reference).

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9-2691 Steering Gear Adjustment, M135 Truck

Shows the effects of a faulty steering system on the operating efficiency of vehicle—Adjustment procedures—Checks and adjustment of worn bearing and pitman arm lash (7 min—1958—Film Reference).

9-2692 Manual Shift Control and Throttle Linkage Adjustment, 2½ Ton, M211 Truck

Adjustment of shift control rod, transfer reverse shift rod, throttle linkage, and carburetor stop—Road test to insure proper operation of vehicle (10 min—1958—Film Reference).

9-2699 Automotive Trouble Shooting—Part VIII—Carbon Pile Voltage Regulation

Explains the features, function, and principles of operation of the carbon pile voltage regulator used in heavy duty generators designed to supply high amperage to complex electrical systems in combat vehicles (30 min—1958—Film Reference).

9-2723 Surveillance of Ammunition

Methods of sampling are explained—Surveillance procedures, observation, visual inspection, gaging and measuring, function testing, and disposition of ammunition—Completion and disposition of worksheets and ammunition surveillance record and report forms are explained (19 min—1959—Color—Film Reference).

9-2777 Road Test Procedures For Tactical Wheeled Vehicles Equipped With Hydramatic Transmission

Before operation inspections of fuel, oil, water, and tire pressure—Preliminary road test inspection of operating elements; road test; final check of operating elements (28 min—1959—Film Reference).

9-2788 Transportation of Ammunition—Part III—By Vessel

Cargo stowage plan—Loading ammunition ship stateside—Loading, bracing and stowing—Off-shore and combat loading—Unloading operations stress on safety (14 min—1959).

9-2807 Power and Oil Flow in the CD 850—Part I—Transmission for Medium Track Vehicles

Nomenclature and operation of compressor in power transmission system flow of power and driving torque to engine—Flow of power in relation to vehicular operation in various ranges (20 min—1959—Film Reference).

9-2808 Power and Oil Flow in the CD 850—Part II—Transmission for Medium Track Vehicles

Function, composition, and operation of the four oil systems in the transmission system: main oil supply system, hydraulic control system, converter hydraulic system, and lubricating system (14 min—1959—Film Reference).

9-2810 Conduct of Ordnance Spot Check Inspection

Purpose, scope, criteria and procedure of inspection; action of inspection team during the four phases of the inspection—Inspection of a unit's wheeled vehicular section shown (24 min—1959—Film Reference).

9-2811 The Operation of the Phantastron Delay Circuit

Function, principles and operation of circuit in fire control radars and missile guidance systems—How the phantastron action is started and modified for variable delay (26 min—1959—Film Reference).

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9-2814 The Simmonds Su Fuel Injector, Principles of Operation

Features, use and operation of equipment—How system functions with normal and supercharged engines to supply even distribution of fuel to all cylinders of engine (30 min—1960).

9-2831 Destruction of Ammunition by Burning

Types of ammunition destroyed; disposal by burning: black powder, propellant charges, explosives, small arms, grenades, pyrotechnics and artillery rounds (26 min—1959—Film Reference).

9-2844 Guided Missile Liquid Propellant, Storage, Handling and Transportation in a Theater of Operations

Requirements and types of storage areas, storage provisions, an disposal of deteriorated liquid—Handling equipment—Procedure to fill premetered container—Stacking and bracing container for transportation (27 min—1960—Color—Film Reference).

9-2845 Liquid Guided Missile Propellant Sampling, Surveillance and Deterioration

Procedure, equipment and safety measures used in sampling—Color, density and sedimentation checks—Tests to determine deterioration in oxidizers and fuels (18 min—1960—Color).

9-2970 U.S. Rifle, Cal. 7.62mm, M-14—Operation and Cycle of Functioning

Design and capabilities—Field stripping provisions—Cycle of functioning—Feeding, chambering, locking, firing, etc.—Semiautomatic and automatic operation (28 min—1960—Film Reference).

9-2971 Machine Gun, 7.62mm, M-60, Operation and Cycle of Functioning

Design and capabilities—Operation—Loading, aiming, cocking, firing, unloading—Functioning—Feeding, chambering, locking, firing extracting, ejecting, cocking (21 min—1960—Film Reference).

9-2978 Ordnance Direct Support Company Operations—Part I—Operations and Movements

Mission and organization—Technique applied in providing 3d echelon maintenance support, supply and technical service to users of Ordnance equipment—Movements of company from one site to another (23 min—1960—Film Reference).

9-2979 Ordnance Direct Support Company Operations—Part II—Production Planning and Control

Value and application of production planning and control devices for 3d echelon maintenance and repair—Density chart, shop control board, tube file and related forms—Production control in action (16 min—1960—Film Reference).

10-291 Automotive Trouble Shooting—Part I—Functions of the Fuel and Ignition Units

Demonstration of Chevrolet motor—Principles of gasoline engine and related parts (14 min—1942—Film Reference).

10-300 Automotive Trouble Shooting—Part XV—The Clutch

Purpose and function of clutch—Locating trouble—Repair—Operation of clutch in Chevrolet, General Motors, and Dodge trucks (21 min—1942—Film Reference).

10-395 Automotive Trouble Shooting—Part V—The Fuel System at Various Speeds

Checking all parts of fuel systems—Recognizing trouble symptoms—Repair (16 min—1943—Film Reference).

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- 10-396 Automotive Trouble Shooting—Part VI—The Ignition System at Various Speeds**
Indications of ignition trouble—Systematic check of ignition system units at various speeds—Adjustments and checks (21 min—1942—Film Reference).
- 10-638 Automotive Trouble Shooting—Part XIV—Front End Alignment**
Causes of improper wheel alignment—Checks of caster, camber, toe-in, and turning radius (18 min—1943—Film Reference).
- 10-929 Hand Measuring and Power Tools—Operation and Care of Portable and Bench Grinders**
Maintenance work performed in field and shop (18 min—1942—Film Reference).
- 10-930 Hand Measuring and Power Tools—Portable Electric Drills**
Maintenance—Assembly—Disassembly—Uses of portable electric drill (19 min—1942—Film Reference).
- 10-932 Hand Measuring and Power Tools—Care and Use of Files**
Functions of various types of files—Correct procedure—Principles of care and use (24 min—1942—Film Reference).
- 10-933 The Use and Abuses of Twist Drills**
Correct use of twist drills—Use of cooling and lubricating oils—Speed—Feed with different materials (27 min—1952—Film Reference).
- 10-980 Automotive Trouble Shooting—Part XIc—Section II—Chevrolet 4x4 and GMC 6x6 Steering System Adjustments**
Complete details of procedure—Adjusting trunnion bearings—Adjusting toe-ins with telescopic gage—Adjusting recirculating ball-type steering gear—Aligning steering column jacket (16 min—1943—Film Reference).
- 10-1133 The Army Cook—Part I—Meat Cutting Tools and Equipment**
Special handling instructions for each type of kitchen knife and saw—Safety precautions in use and in sharpening tools (20 min—1943—Film Reference).
- 10-1134 The Army Cook—Part II—Cutting a Hindquarter of Beef**
Trimming, boning, and separating a hindquarter of beef—Bone structure of the quarter (14 min—1943—Film Reference).
- 10-1135 The Army Cook—Part III—Cutting a Forequarter of Beef**
Obtaining cuts for steaks, roasts, and stews, and using them to best advantage (17 min—1943—Film Reference).
- 10-1256 Training War Dogs—Basic Exercises**
Exercising discipline—Control of emotions—Teaching dog to heel, sit, lie down, come to attention, hurdle a 3½-foot wall, and relax—Rewarding animal with praise (21 min—1943—Film Reference).
- 10-1473 Your Proudest Duty**
Duties and responsibilities of military personnel selected as escorts for return of war dead (27 min—1947—Film Reference).
- 10-1479 New Mobile Bakery Equipment**
Technical detailed operation of new mobile bakery—Comparison with older-type field units—Advantages—Manpower economy—Time and temperature control—Automatic kneading of dough (23 min—1949—Film Reference).

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10-1527 Central Meat Cutting Plants

Processing in meat plant by production-line methods—Planning, operation, and distribution (17 min—1950—Film Reference).

10-1583 Consolidated Messing Operations

Operation of a consolidated mess—Managing personnel—Assigning jobs—Planning and cooking meals (14 min—1949—Film Reference).

10-1640 Handling of Fresh Fruits and Vegetables

Major characteristics, varieties, and defects of fresh fruits and vegetables—Precautions in handling and storage (38 min—1950—Color—Film Reference).

10-1654 Ration Breakdown

Ration servicing in the field from a divisional class I supply point—Essential factors for first-rate ration service (10 min—1950—Film Reference).

10-1742 Petroleum Supply Point Operations

Operations quartermaster petroleum supply units—Methods, procedures, and mechanics of cleaning, dispensing, and storing equipment—Supply replacements—Stock maintenance—All-terrain conditions—Flexible hose-header—Safety precautions—Fire hazards (27 min—1952—Film Reference).

10-1836 Operation of the 97-10 Sewing Machine

Illustrating step-by-step operation of the 97-10 sewing machine, designed to sew heavy duck—Identification of component parts—Variation of stitch range to meet specifications of individual jobs (16 min—1953).

10-1870 The Preparation of Dehydrated Foods

Demonstration by Armed Forces cooks of correct methods of preparing a variety of dehydrated foods—Advantages to Armed Forces of use of dehydrated foods (32 min—1954—Color—Film Reference).

10-1932 Operation of the 50-Gallon-per-Minute Petroleum Dispenser

Designed to transfer petroleum products to 50-gallon drums, and for bulk transfers of fuel in emergencies—Two models of 50-gpm type are shown—Construction and essential parts are discussed and differences noted—Complete operational cycle illustrated (21 min—1954—Film Reference).

10-1933 Operation of the 225-Gallon-per-Minute Petroleum Dispenser

Application, maintenance, transportation, storage, and safety procedures of 225-gpm dispenser—Complete operational cycle illustrated (23 min—1954—Film Reference).

10-1960 M-1937 Field Range Fire Unit—Part I—Principles of Operation—Part II—Maintenance

Function, component parts, and operation—Inspections and servicing—Disassembly, cleaning, and reassembly of the unit (36 min—1955—Film Reference).

10-2208 Operation of the Mobile Petroleum Laboratory

Preparations for operation—Major compartments, units, and test equipment of laboratory trailer—Tests conducted to determine quality—Move to a forward supply area—Packing and storing equipment for transit (23 min—1955—Distribution in CONUS and Overseas—Film Reference).

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10-2242 Mess Personnel—Profit and Loss in the Kitchen

Desirable techniques of controlling waste—Proper operating procedures—Inspection of supplies—Storage methods—Operation of equipment—Prescribed cooking practices—Proper serving of food—Salvage control—Vermin and rodent control (18 min—1956—Color—Film Reference).

10-2243 Mess Management—Conservation Control in the Management of a Mess

Functions of mess management in relation to prevention of waste—Personnel training and attitude, duties of mess officer, food advisor and unit commanders (14 min—1956—Film Reference).

10-2244 Food Conservation—The Dollars and Sense of Good Eating

Economic merits of taking just enough food for individual capacity—Conscious avoidance of waste to allow for menu extras (9 min—1956—Film Reference).

10-2283 Hand Dishwashing and General Scullery Practice

Scrap and sort dishes—Scrub in warm detergent water solution—Rinse and sanitize in hot water—Stow—Clean scullery completely—Importance to military health (11 min—1955—Distribution to Film exchanges in CONUS servicing Food Service Schools).

10-2284 Machine Dishwashing, Single Tank

Scrap, sort, preflush, and rack dishes—Check and operate machine—Stow dishes correctly—Clean machine completely (12 min—1955—Distribution to film exchanges in CONUS servicing Food Service Schools).

10-2285 Machine Dishwashing, Double Tank

Scrap, sort, preflush and rack dishes—Pre-operation check of machine—Operate machine—Stow dishes—Clean machine completely (11 min—1955—Distribution to film exchanges in CONUS servicing Food Service Schools).

10-2426 Fitting Army Uniforms and Footwear—Fitting of the Army Green Uniform

Technique of fitting each garment of Army Green Uniform to conform to “approved concept of fit”—Authorized alterations (35 min—1957—Film Reference).

10-2428 Fitting Army Uniforms and Footwear—Fitting General Duty Uniforms

Fitting shirts, jacket, trousers, shorts, and caps of general-duty wool uniform, summer khaki uniform, summer short uniform, and utility uniform (38 min—1957—Film Reference).

10-2430 Fitting Army Uniforms and Footwear—Fitting of Footwear

Try-on procedure for fitting low quarter shoes, rubber insulated combat boots, and mukluks—Ordering special instrument or orthopedic shoes (20 min—1957—Film Reference).

10-2454 Unit Messing in the Field—Part II—Field Operation

Steps to establish field kitchen facilities under combat conditions—Cooking and serving methods—Proper sanitation—Night discipline (14 min—1957—Film Reference).

10-2455 Emergency Use of the Parachute

Care, wearing, and activation of Army free-back and free-chest emergency parachutes—Jumping from fixed-wing plane—Landing and recovery of parachute (17 min—1957—Film Reference).

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10-2595 Maintenance of a Petroleum Distribution System

Procedures employed in the distribution of petroleum as it moves from tanker to dock, to base tank farm, pipelines and pump station, storage facilities, and to railway tank cars and military trucks—Safety measures (44 min—1958—Film Reference).

10-2698 Packing the T-10 Troop Back Parachute

Preliminary inspection, removal of debris, shakeout, initial layout, removal of inversions, tangles, and twists—Stowing in deployment bag on pack assembly—Stowing and securing static line—Final inspection (40 min—1959—Film Reference).

10-2728 Petroleum Testing Kit

Describes the purpose, features, and use of kit—Procedure and equipment used for tests: API gravity, flashpoint, high and low distillation, centrifuge, precipitation, corrosion, glass dish gum, viscosity, and penetration—An analysis report is prepared (15 min—1958—Film Reference).

10-2729 Pipeline Pump Station Operations

Relation of station to tank farm and manifold system along line of distribution—Before operation checks—Starting pumping operation and placing the pump station “on the line”—Controls and adjustments—Quality check of product sample—Afteroperation maintenance and checks—Preparation of required record forms (12 min—1958—Film Reference).

10-2730 Collapsible Petroleum Containers (10,000 gallons)

Discusses the features, capabilities, installation, and operation of the 10,000-gallon collapsible fuel storage container used in the military petroleum supply system—Efficient fuel delivery in forward areas and Class III supply points (17 min—1958—Film Reference).

10-2731 Gauging and Sampling Petroleum Products

Procedure for gauging amount of product and water in storage tank and railway tank car—Determining and correcting the temperature of product—Securing samples from storage tanks and 55-gallon drum (18 min—1958—Film Reference).

10-2775 Receipt and Recovery of Air Dropped Supplies and Equipment

De-rigging, recovery and evacuation of air-delivered cargo equipment—platform load, cargo sling and bags; recovery of heavy, medium, and light parachute (19 min—1959—Film Reference).

10-2799 Petroleum Safety Precautions

Preliminary check of petroleum equipment, area, and firefighting equipment—Bonding and grounding—Guarding against vapors—Attention to leaks—Prompt first aid when necessary (18 min—1960—Film Reference).

10-2843 Heater Duct-Type, Portable, 250,000 BTU's—Operation and Maintenance

Design, construction and use—Before-operation provisions and checks—Starting engine—During-operation checks—Shutoff provisions—After-operation maintenance—Safety measures throughout (20 min—1960).

10-2846 Disaster Feeding

Purpose, preparation and execution of disaster feed-plan—Facilities

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- provided under Construction Phases I, II, and III of the plan (27 min—1960—Film Reference).
- 10-2855 POL Pier Discharge Operations**
 Procedure in off-loading petroleum products from a tanker at a dock—Duties of Navy and QM personnel in transfer operations—Stress on safety precautions (18 min—1960).
- 10-2874 Quartermaster Operations in the Infantry Division**
 Preparation of Division QM Supply Plan—Establishment of QM distribution points—Delivery of food, fuel and clothing—Aerial supply methods—Graves registration and bath services (25 min—1960—Film Reference).
- 11-257 Care and Maintenance of Tapered Roller Bearings**
 Adjustment of tapered roller bearings—Disassembly, cleaning, inspection, lubrication, and reassembly (31 min—1941—Film Reference).
- 11-298 The Mitchell Camera**
 Parts and operation of 35-mm professional motion picture camera—Motor—Lenses—Magazines—Tripods (17 min—1942—Film Reference).
- 11-622 Electricity and Magnetism—Part I—Elements of Electricity**
 Breakdown of molecule into atoms—Relation of proton and electron to electricity (14 min—1942—Film Reference).
- 11-1069 Pole Line Construction—Part IV—Fundamentals of Guying**
 Side, head, pole to stub, and two- or four-way storm guys to provide extra support for poles—Methods of installation—Operation of the guy rule (10 min—1943—Film Reference).
- 11-1187 Electricity and Magnetism—Part III—Voltaic Cell, Dry Cell, and Storage Battery**
 Principles involved (18 min—1943—Film Reference).
- 11-1188 Frequency Meter SCR-211**
 Principles—Setting meter as standard for tuning radio receiver and transmitter to same frequency (18 min—1943—Film Reference).
- 11-1200 Electricity and Magnetism—Part II—Ohm's Law**
 Elements of electricity—Source, transmission, and use of electrical energy—Composition of matter—Ohm's Law—Purpose and use of related meters (19 min—1943—Film Reference).
- 11-1219 Electricity and Magnetism—Part IV—Charging Storage Batteries**
 Charging, care, and preparation of storage batteries—Constant voltage methods and modifications (16 min—1943—Film Reference).
- 11-1317 Installation of Field Cable**
 Description, use, and capacity of spiral-four cable—Ground surface installation—Above ground—*Plowing in* with cable plow LC-61 (20 min—1944—Film Reference).
- 11-1342 Tuning Transmitters—Part I—Setting Frequency**
 Basic principles of setting frequency on field radio transmitters—Zero beat methods—Three types of standards—Frequency meter, built-in calibrator, and net control station—Crystal-controlled transmitters (16 min—1944—Film Reference).
- 11-1384 Loading and Unloading Poles**
 Loading and unloading poles from flatcar or trailer—Safety precautions (21 min—1944—Film Reference).

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- 11-1385 Technical Principles of Radar—Part I—Introduction**
Basic theory—Nomenclature—Types—Detection-search aircraft warning, homing, and navigational aid—PPI—Solving problems with radar (22 min—1945—Film Reference).
- 11-1386 Technical Principles of Radar—Part II—Mechanics**
Mechanical components producing electrical pulse that detects enemy targets (22 min—1945—Film Reference).
- 11-1387 Technical Principles of Radar—Part III—Indicators**
Cathode-ray tubes—Type A and plan position indicator—Components of the scope—Formation of visible dot on fluorescent screen—Base line—Pip (45 min—1946—Film Reference).
- 11-1397 Facsimile Equipment RC-120—Part I—Theory and Description**
Transmitting and receiving facsimile copies of photographs, messages, diagrams, and maps (20 min—1944—Film Reference).
- 11-1420 Radar Anti-Jamming for the Radar Operator—Part I—Receiver Adjustments(U)**
(29 min—1945—Film is classified CONFIDENTIAL).
- 11-1421 Radar Anti-Jamming for the Radar Operator—Part II—Recognition of Electronic Jamming (U)**
(28 min—1945—Film is classified CONFIDENTIAL).
- 11-1422 Radar Anti-Jamming for the Radar Operator—Part III—Window (U)**
(32 min—1945—Film is classified CONFIDENTIAL).
- 11-1425 Preventive Maintenance Practices for Ground Signal Equipment**
Preventive maintenance at depots, in transport, and in use—FITCAL system of maintenance—Precautions against fungus growth, dust, heat, and humidity (19 min—1945—Film Reference).
- 11-1553 Basic Telephony**
Operating principles—Schematic and wiring diagrams—Four circuits—Transmitter (primary), receiver (secondary), generator, and ringer (20 min—1949—Film Reference).
- 11-1555 Multiple Switchboards—Installation and Operation**
Organization of typical field army—Telephones and switchboards used from forward observation posts to army headquarters—Advantages of multiple switchboards over interposition trunking of switchboards—Operation—Tactical use, advantages and traffic capacity of common and local battery systems (24 min—1949—Film Reference).
- 11-1567 Microwave Oscillators**
Magnetron and klystron oscillators for radar system able to operate in microwave region—Theory of operation (18 min—1949—Film Reference).
- 11-1572 Film Tactics**
Motion pictures as training aid—Preparation by instructor—Ventilation of classroom—Introductory remarks—Discussion after showing—Final examination (23 min—1949—Film Reference).
- 11-1574 The Technique of Good Projection**
Selection and training of personnel for projection work—Projection of 16-mm film (36 min—1950—Film Reference).
- 11-1632 The Effects of the Ionosphere on Radio Wave Propagation**
Theory of ionization—Relationship of ionosphere to radio wave

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propagation—Explanation of ionosphere—Effects on long-range transmission of radio messages (30 min—1950—Film Reference).

11-1646 Maintenance of the Coaxial Line

Maintenance of transmission line essential to good radar performance—Types of transmission lines—Methods of replacing damaged sections (29 min—1951—Film Reference).

11-1667 Circuit Testing with Meters and Multimeters—Practical Application

Indispensability of meters and multimeters in maintenance, operation, and repair of electronic equipment—Vohmmeters, Wheatstone bridge, decibel meter, and tube tester—Step-by-step use of meters—Use in testing transformers, capacitors, resistors, telephone loop circuits—Necessity for technicians reading and keeping handy the operating manuals for this equipment—Safety practices—Handling meters with care in order to preserve accuracy (33 min—1952—Film Reference).

11-1668 Circuit Testing—Signal Generators

Purpose of signal generators for testing, tuning, and aligning electronic equipment—Signal generator theory and practice—Operation of oscillating circuits—Theory and use of audio oscillators—Description and demonstration of various radio-frequency oscillators—Theory of modulation and its relation to signal generators—Use of complementary equipment—Processes of alignment and signal tracing—Safety Precautions in handling the equipment (26 min—1952—Film Reference).

11-1694 Radio Operator Training—Technique of Hand Sending

Important parts of transmitter—Elements of Morse Code—Timing and parts of body that function when transmitting code (9 min—1951—Distribution limited to ZI—Film Reference).

11-1695 Radio Operator Training—Rhythm, Speed, and Accuracy in Hand Sending

Sequence in rhythm and timing—Comparison of sender ability by recording tape (11 min—1951—Distribution limited to ZI—Film Reference).

11-1733 Communication Center—Procedure for Corps and Lower Headquarters—Part I—Outgoing Messages

Proper procedure for handling outgoing messages—Handling of classified messages—Use of message center log—Procedure for transmitting relay messages (17 min—1951—Film Reference).

11-1734 Communication Center Procedures for Corps and Lower Headquarters

Describing briefly the operations of a communications center at corps lower level—Efficiency of message handling—Incoming message procedure—Personnel (7 min—1951—Film Reference).

11-1752 How to Operate the Army 16-mm Sound Projector Set

Operation of army 16-mm Sound Projector AN/PFP-1—Setting up and checking the equipment—Method and techniques of threading and operating—Steps in first echelon maintenance—Cleaning the film path—Emphasizing the aperture and pressure plates—Cleaning the projector lamp reflector and projection lens—Replacement of lamps and fuses (31 min—1952—Film Reference).

11-1776 Operation and Maintenance of Communication Equipment in Extreme Cold

Extremes in weather challenge the efficiency of men and equip-

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ment—Intensive research evolved standard methods of winterizing communication equipment under subzero conditions—Effects of extreme cold on materials in equipment—Preventive measures for proper maintenance—Changes in operating techniques to forestall damage or destruction caused by frost, snow, and excessive cold (21 min—1952—Film Reference).

11-1779 AN/TRC—The Radio Relay Systems of Communications

Illustrating the use and integrated operation of the multichannel radio relay and carrier system, AN/TRC—How to install, align, and operate the complete network from switchboard to switchboard easily and swiftly (42 min—1952—Film Reference).

11-1793 Radio Sets AN/GRC-3, -4, -5, -6, -7, and -8

This film illustrates the characteristics, components, and mechanical operation of these building-block-type sets, which can be made into many equipment combinations—They have simplicity, standardization, and range of employment among the various arms (15 min—1952—Film Reference).

11-1823 Erection of the AS-19/TRC-1 Antenna System

Explaining the proper technique of erecting the AS-19/TRC-1 antenna system used in vhf radio communications—Erection by as few as two men is possible if procedures are followed (14 min—1953—Film Reference).

11-1831 Tuned Circuits

Theories of electronics of tuned circuits—Three elementary types, resistive, capacitive, and inductive, ac and dc—Circuit combinations, series circuits, series-resonant tuned circuits, and parallel-resonant tuned circuits—Application of theories (28 min—1954).

11-1837 Line-up Procedure for Tactical Telegraph Carrier Equipment

How to set up tactical telegraph carrier equipment for two wire operations—Wiring operations—Adjusting ac and dc rectifiers—Setting up test units—Send and receive relay tests—Receiver current test—Local and distant station tests (7 min—1953—Film Reference).

11-1838 Line-up Procedure for Tactical Telephone Carrier Equipment

Techniques and procedures for lining up telephone carrier terminal (CF-1-A) and ringer equipment (Voice Frequency Ringer EE-101-A), and for wiring the circuit—Synchronization between east and west terminals and repeater station (11 min—1953—Film Reference).

11-1839 Line-up of Field Teletypewriter Set EE-98-A

Step-by-step procedure for lining up the field teletypewriter (EE-98-A), printer (TG-7B), typing unit, rectifier (RA-87), and line unit (BE-77)—Importance of local and long-distance testing to insure efficient operation (8 min—1953—Film Reference).

11-1882 Manual Teletypewriter Operation and Procedures—Part I—Teletypewriter Operation

How to operate the teletypewriter properly (9 min—1953—Film Reference).

11-1883 Manual Teletypewriter Operation and Procedures—Part II—Teletypewriter Procedure and Preparation of Message

The actual transmission of a message—Discussion of prosigns and operating signals—Line-by-line breakdown of message format and

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procedure—Establishing communication between one or more stations—Calling and answering in a loop-type net (16 min—1954—Film Reference).

11-1884 Manual Teletypewriter Operation and Procedures—Part III—Single and Multiple Calls—Making Corrections and Repetitions

Explains mechanics of single and multiple calls—How to make corrections and repetitions on messages (8 min—1953—Film Reference).

11-1885 Manual Teletypewriter Operation and Procedures—Part IV—Maintenance and Summary

Precautions to keep machine breakdowns to a minimum—Recapitulation of key factors—Teletypewriter operations must be in accordance with prescribed procedures and regulations (11 min—1954—Film Reference).

11-1900 The Single Sideband Multichannel Radio System

Through this system great quantities of radio transmissions can be handled simultaneously—How system operates—Transmission and reception differences compared with standard broadcast station—Twin-channel single-sideband transmitter with built-in monitoring circuit for measuring distortion—Block diagram traces course of receiver and test equipment—Voice frequency terminals in operation—Theory of diversity tones developed on three-dimensional model (39 min—1954—Film Reference).

11-1959 Open Wire Transposition Systems

Types and construction of single-point transpositions—How they improve communications—Cause for *crosstalk*—How it is remedied—Use of army simplified scheme (17 min—1955—Film Reference).

11-1976 Radio Transmission Security

Violations of radio transmission security in a task-force operation involving ground forces, air forces, and navy—Security precautions—Channels by which the enemy learns our plans (28 min—1955).

11-1995 Defense Against Radio Jamming

How to recognize radio jamming—Types of jamming—How to reduce its effectiveness with adequate countermeasures (24 min—1956).

11-2062 Theory of Simplex and Phantom Circuits—Part I—Balanced Conditions

Importance in battle—Advantages—Three operating principles of coil—Series of simplex and phantom circuits (14 min—1944—Film 1945—Film Reference).

11-2063 Theory of Simplex and Phantom Circuits—Part II—Unbalanced Conditions

Field conditions—Special symptoms of unbalanced circuits—Cross-ringing, crossfire, relay chatter, and crosstalk (19 min—1944—Film Reference).

11-2069 Basic Principles of Frequency Modulation

Theory and mechanics of fm transmission and reception—Advantages for military communications—Comparison of fm and am transmission (31 min—1944—Film Reference).

11-2091 Tuning Transmitters—Part II—Amplifier and Antenna Tuning

Radio-frequency amplifiers in high-powered transmitter—Antenna circuits—Antenna tuning and control—Tuning set SCR-193 (20 min—1945—Film Reference).

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11-2180 Radio Sets AN/PRC-8, 9, and 10

Technical characteristics, similarities, and differences of the three sets—Frequency—Operating channels—Methods of tuning—Operation—Maintenance—Typical installation—Tactical employment—Use of auxiliary equipment (26 min—1955).

11-2181 Calibrating and Tuning Radio Set AN/PRC-10

Step-by-step procedure for calibrating and tuning Radio Set AN/PRC-10 (9 min—1955).

11-2234 Fundamentals of Radiac Instruments

Review of basic atomic theory—Characteristics and uses of accumulation and intensity devices—Emphasis on accurate calibration for efficient operation (25 min—1955).

11-2235 Servo Systems and Data Transmission—Part I—Fundamentals of Servo

Functioning of servo components—Input, sensing device, controller, output—Torque, feedback—Use of servo system in fire control (17 min—1956).

11-2236 Servo Systems and Data Transmission—Part II—Basic Principles of Positioning Servos

Servo function in radar—How antennas are positioned—Error signal, antenna hunting, derivative control, error-rate antihunt methods (33 min—1956).

11-2237 Servo Systems and Data Transmission—Part III—Automatic Tracking and Data Transmission

Study of automatic servo and data transmission systems—Inter-relationship and application in tracking enemy target information—Features and operation of high- and low-power automatic servo systems—Data transmission system is analyzed—Salient points related to fine and coarse data transmission systems are presented (33 min—1958—Film Reference).

11-2238 Principles of Multivibrators

Theory of operation—Use as electronic timing device—Action within circuits of free-running plate-coupled, one-shot and synchronized multivibrators (26 min—1956).

11-2281 Metallic Detector, AN/PRS-3, Internal Tuning, Field Expedient Method

Preparatory steps for alignment—Setting switches and meter—Adjusting sensitivity control R36, Course R&X control, and amplitude control (4 min—1956).

11-2298 Calibration Procedure, Set NR-2, RT 70

Setting controls and assigned frequency of 52.2—Calibrating to 52.0 megacycles—Outer ring adjustment—Adjustment control (9 min—1956—Film Reference).

11-2317 The Army Command and Administrative Network—Part I—Network Facilities

Development, mission, and operation of ACAN—Operation of semi-automatic and automatic tape relay equipment, facsimile equipment, voice radio channels and other communication equipment (20 min—1956—Replaces TF 11-1648).

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- 11-2318 The Army Command and Administrative Network—Part II—Traffic Operations**
Transmission of message from point of origin to receipt at terminal station—Multicall messages—Transmission equipment and facilities (23 min—1957—Film Reference).
- 11-2391 Preset Procedure Radio Receiver AN/GRR-5**
Adjusting preset tuning control, detent, fine tuning, antenna trimmer control for maximum signal—Reselecting preset control (5 min—1956—Film Reference).
- 11-2392 Reading Multimeter Scales**
Use in radio repair—How to read the scales to measure direct current dc voltage, ac voltage, and resistance (6 min—1956—Film Reference)
- 11-2399 Use of the Cable Lashing Machine LC-231/FT**
Features of LC-231/FT—Step-by-step procedures in lashing lead-covered cable to the suspension strand (10 min—1956).
- 11-2400 Use of Coffing Hoist and Strand Dynamometer**
How equipment is used to remove suspension sag and to tension the suspension strand properly for aerial lead-covered cable (6 min—1956—Film Reference).
- 11-2441 Use of Signal Generator AN/URM-25D**
Methods for obtaining various outputs—Audio frequency (af) signal, radio frequencies (rf), and modulated rf signal (7 min—1956—Film Reference).
- 11-2487 Radio Interference—Part I**
Nature and theory of radio interference—How it is generated and propagated—How it can be recognized—Manner in which it may reach a receiver by means of radiation or conduction (23 min—1958—Film Reference).
- 11-2488 Radio Interference—Part II**
Techniques for tracking and suppressing interferences caused by radiation, conduction, atmosphere, mechanical and electrical devices, and radar (37 min—1958—Film Reference).
- 11-2489 Radio Set AN/GRC-26(*)—Part I—Characteristics, Use, and Modes of Operation**
Features, capabilities, and operation in mobile and semifixed positions—Components of set—Employment at Army, Corps, and Division levels—Use for radioteletype, cw, and voice operation—Proper siting of equipment and positioning of antennas to provide one-way reversible and full-duplex operation, and dual-diversity reception (12 min—1958—Film Reference).
- 11-2490 Radio Set AN/GRC-26(*)—Part II—Shutdown Checks**
Teaches proper positioning of various controls and switches involved in placing the component units in shutdown condition before starting operation (6 min—1958—Film Reference).
- 11-2491 Radio Set AN/GRC-26(*)—Part III—Operation Power Plant and Starting Operation**
Features and function of the PE-95 Power Plant—Checks prior to starting—How it is started and how it operates to feed power to equipment in the shelter (4 min—1958—Film Reference).
- 11-2525 Installation of Teletypewriter AN/PGC-1**
Equipment required for teletypewriter station—How it is installed—

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Synchronizing teletypewriter at forward station with teletypewriter at headquarters station testing for legible transmission (20 min—1957—Film Reference).

11-2526 Radio Set AN/GRC-9

Features, capabilities, components, and operating accessories—Installation practices and methods of employment as ground and vehicular installation (34 min—1957—Film Reference).

11-2527 Training Generator AN/URA-T1

Components, capabilities, installation, and operation—Setting up for 110-voltage operation—Use in field training—Importance of jamming and copying through jamming in combat (25 min—1957—Film Reference).

11-2529 Operation of the TSEC/KL-7 (U)

(38 min—1957—Film is classified CONFIDENTIAL)

11-2552 Introduction to Automatic Processing Data

Explains underlying concept, capabilities, operation and application as a new management tool—Systems in use in Government installations—Present and possible future uses of ADPS in Army relative to administrative and tactical aspects (31 min—1958—Film Reference).

11-2553 Radiotelephone Procedures—Operation

Tactical demonstrations are used to illustrate representative equipment, net organization and operation, and transmission of a variety of clear and encrypted messages in rear and forward combat areas—Advantages of radiotelephone communication (25 min—1958—Film Reference).

11-2563 Radio Set AN/GRC-26(*)—Part IV—Setting Up Receiver as Frequency Standard

Film portrays step-by-step procedure to set up Receiver "A" as a frequency standard—A demonstration frequency of 4,280 kc is used (5 min—1958—Film Reference).

11-2564 Radio Set AN/GRC-26(*)—Part V—Preparing Transmitter for Operation

Preparation of radio transmitter for operation on a demonstration frequency of 4,280 kc—Use of tuning chart and tuning procedure (5 min—1958—Film Reference).

11-2565 Radio Set AN/GRC-26(*)—Part VI—Tuning of the Frequency Shift Exciter

Step-by-step procedure for tuning the frequency shift exciter using Radio Receiver "A" previously set up as a frequency standard (8 min—1958—Film Reference).

11-2566 Radio Set AN/GRC-26(*)—Part VII—Tuning Transmitter Using a Doublet Antenna

Step-by-step procedure for tuning the transmitter in Radio Set AN/GRC-26(*) for both low and high power using a doublet antenna (5 min—1958—Film Reference).

11-2567 Radio Set AN/GRC-26(*)—Part VIII—Adjustment for Voice Operation

Step-by-step procedure for adjusting Radio Set AN/GRC-26(*) for voice operation to establish initial communication (3 min—1958—Film Reference).

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- 11-2568 Radio Set AN/GRC-26(*)—Part IX—Adjustment for Radioteletype Operation**
Procedure for setting up radio-teletypewriter control unit for operation—Adjustments on receiver, transmitter, frequency shift converter—Check on power supply unit (6 min—1958—Film Reference).
- 11-2569 Radio Set AN/GRC-26(*)—Part X—Adjustment for Dual Diversity Reception**
Preliminary adjustments of frequency shift converter and receiving teletypewriter—Check on teletype operation—Final check and adjustment of radioteletype operation (6 min—1958—Film Reference).
- 11-2570 Radio Set AN/GRC-26(*)—Part XI—Tuning Transmitter Using Whip Antenna**
Safety measures—Adjustment of antenna coupling coil in conjunction with adjustments of antenna unit—Tuning transmitter for low and high power (5 min—1958—Film Reference).
- 11-2571 Radio Set AN/GRC-26(*)—Part XII—Partial Shutdown and First Echelon Maintenance for Operator**
Procedure for shutting off ac power on both teletypewriter panels, and required settings of switches and controls—Steps in FITCAL cover checking for worn cable, rust, over heating, oil leakage, and adjustment of plugs and jacks (3 min—1958—Film Reference).
- 11-2650 Operation of Countermeasures Receiver AN/TLR-9, -10 (U)**
(26 min—1958—Distribution to central film and equipment exchanges and service schools in CONUS and overseas—This film is classified CONFIDENTIAL.)
- 11-2696 AN/TCC-7 System—Part II—Initial Adjustments of Carrier Telephone Terminal**
Adjustments of terminal plate voltage, test circuit, transmit circuit signal path of message channels, transmitted lineup frequencies, and power supply (23 min—1958—Film Reference).
- 11-2697 AN/TCC-7 System—Part III—Lineup Procedures of Carrier Telephone Terminals**
Presents the lineup of: receive circuit of order wire panel, message channel receiver circuits, demodulator gain controls for group and subgroup amplifiers and channel modems—System is capable of providing 12 serviceable channels for communication (18 min—1958—Film Reference).
- 11-2714 Pole Line Construction—Part I—Laying Out a Pole Line**
Work of the pilot and layout crew—Preparing route for construction crews—Locating pole stakes—Spacing between poles—Extending and changing line direction—Requirements for crossarm installations (19 min—1959—Film Reference).
- 11-2715 Pole Line Construction—Part II—Preparing to Erect the Pole**
Preparation for erecting a pole after pilot and layout crew have completed staking out a section—Framing pole—Transporting pole to pole hole location—Digging holes for poles and guy anchors by hand and by earth-borer truck (19 min—1959—Film Reference).
- 11-2716 Pole Line Construction—Part III—Erecting Poles and Attaching Crossarms**
Erecting poles by using earth borer and by manual method—Raising, setting, facing, and aligning poles—Installing single and double cross-

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arms, sidearm, "H" fixture, and buck crossarm—Selection of most suitable type of crossarm installation to safely support communication circuits is stressed (26 min—1958—Film Reference).

11-2717 Pole Line Construction—Part V—Installation of Anchors

Features and use of patent and nonpatent anchors—Preparing and checking the anchor before installation—Methods of installing expanding plate, cone, and rock guy anchors (12 min—1959—Film Reference).

11-2718 Pole Line Construction—Part VI—Installation of Guys

Depicts various types of guys and braces used for open wire poles—Installation by eyebolt and wrap methods—Installation of a strain insulator to protect the public from electrical hazards—Special installations—Push brace, push-pull brace seating, and ground braces—Construction of sidewalk guy (20 min—1959—Film Reference).

11-2719 Pole Line Construction—Part VII—Stringing the Wire

Methods of stringing, dead-ending, sagging, splicing, and tying wires to insulators on an open wire line—Demonstrates the modified horseshoe tie and the standard tie (35 min—1959—Film Reference).

11-2747 Operation of Field Telephones

Describes the features, function, capabilities, installation, and operation of sound-powered Telephone TA-1/PT and battery-powered Telephone TA-312/PT—Use of auxiliary handset-headset with the telephone is demonstrated (29 min—1959—Film Reference).

11-2755 Installation and Operation of Switchboard SB-22/PT

Placing switchboard in operating position—installation of Telephone Set H-81/U, battery, lines, and trunks—Handling incoming and outgoing calls—Local and conference (18 min—1959—Film Reference).

11-2756 Installation and Operation of Switchboard SB-86/P

Placing switchboard in operating position—Installation of operator's telephone set, battery, lines, trunks, etc—Handling line, conference, and trunk calls (27 min—1959—Film Reference).

11-2763 Radio Relay Equipment AN/TRC-35 and -36—Part I—Introduction to the Equipment

Features, components, use of equipment, fundamentals of basic operating unit of both sets, Radio Set AN/TRC-24, and other operating elements—Installation and operation of radio relay equipment (26 min—1959—Film Reference).

11-2764 Radio Relay Equipment AN/TRC-35 and -36—Part II—Tuning of the Transmitter

Preliminary adjustments; presets to a desired channel and band; initial tuning; final tuning; changing to another transmission channel and band (30 min—1959—Film Reference).

11-2765 Radio Relay Equipment AN/TRC-35 and -36—Part III—Tuning of the Receiver

Preliminary adjustments; presets to a desired channel and band; initial tuning; final tuning; changing to another receiving channel and band (15 min—1959—Film Reference).

11-2766 Radio Relay Equipment AN/TRC-35 and -36—Part IV—System Line up Procedures

Features and function of AN/TRC-35 and -36—Procedures for radio system lineup and overall system lineup when radio relay equipment

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is used with telephone carrier equipment (24 min—1959—Film Reference).

11-2767 Radio Relay Equipment AN/TRC-35 and -36—Part V—Installation of Antenna System

Siting and location requirements, installation of base plate, guy stakes and mast, attachment of antenna to reflectors, orientation for reception and transmission, installation of cables, etc (24 min—1959—Film Reference).

11-2805 Fundamentals of Carrier Telephony—Part I—Operation of a Carrier System

Features, operation and advantages of system—Using AN/TCC-24—Shows how several channels operate simultaneously—Transmission of messages from A to B, and B to A terminals (12 min—1959—Film Reference).

11-2806 Fundamentals of Carrier Telephony—Part II—Terminals and Repeaters

Operation of Terminal Equipment AN/TCC-24—Electrical circuits and transmission process—operation of Repeater Equipment AN/TCC-5—How signal strength is boosted in transmitter (19 min—1959—Film Reference).

11-2817 Maintenance Procedures for Carrier Equipment

Maintenance provisions and equipment used at 1st and 2nd echelon and field level—Visual inspection, equipment performance check, sectionalization, repair, and final check (31 min—1959—Film Reference).

11-2820 Installation and Operation of TT-4A/TG and AN/TCC-14

Features, capabilities, components, installation and operation of equipment—Provision for setting up TTY stations in a point-to-point system; station service for TTY only, and for speed plus half duplex (29 min—1960—Film Reference).

11-2825 Line-up Procedure for Telephone Terminal AN/TCC-3 Carrier Systems

Preliminary step prior to lineup—Lineup of terminals A and B, and repeater station; system lineup in A-B and B-A directions; adjustment of channels (21 min—1959—Film Reference).

11-2827 Climbing and Working on Poles

Testing and supporting poles—Climbing leveling off, circling, assuming work position, descending, hoisting, use, and lowering tools while working (25 min—1960).

11-2851 Fundamentals of Radio Trouble Shooting—Part I—Principal Technique

Provision for detecting and correcting a malfunctioning radio receiver or transmitter—proper use of technical manuals and test equipment (29 min—1960—Film Reference).

11-2852 Fundamentals of Radio Trouble Shooting—Part II—Trouble Shooting a Radio Receiver

Preliminary inspection—B plus and filament circuit check—Localizing trouble from section to one stage, to defective part; repair; circuit alignment; and final testing (29 min—1960—Film Reference).

11-2853 Fundamentals of Radio Trouble Shooting—Part III—Trouble Shooting a Radio Transmitter

Preliminary inspection—B plus and filament circuit check—Localiz-

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ing trouble from section to one stage, to defective part—Repair—Circuit alignment—Final testing (25 min—1960—Film Reference).

11-2854 Fundamentals of Radio Trouble Shooting—Part IV—Additional Devices and Techniques

Provisions and equipment used in application of: operational test, troubleshooting charts, stage gain charts, sources of intermittent trouble, repaired equipment standards (29 min—1960—Film Reference).

11-2856 Cipher Machine TSEC/KW-9—Part I—Introduction and Athena System Operation (U)

(35 min—1960—Film classified CONFIDENTIAL).

11-2857 Cipher Machine TSEC/KW-9—Part IV—Iris System Operation (U)
(13 min—1960—Film is SECRET).

11-2861 The AN/TCC-7 System—Part IV—Initial Adjustment and Lineup of the AN/TCC-8 Attended Repeater

Steps in the initial adjustment of the AN/TCC-8 in the A-B and B-A directions—Steps in lining up the equipment in the A-B and B-A directions (27 min—1960).

11-2862 The AN/TCC-7 System—Part V—Adjustment and Operational Test of the AN/TCC-11 Unattended Repeater

Preinstallation adjustments and checks—Installation of the AN/TCC-11—Post-installation adjustments—Operational test of the AN/TCC-11 (27 min—1960—Film Reference).

11-2867 Erecting Large Poles

Provisions and equipment used in A-Frame method, gin-pole method, and engineer crane method of erecting poles—Advantages of each method—Stress on safety rules (21 min—1960—Film Reference).

11-2873 Use of Test Equipment for TSEC/KW-9 (U)

(28 min—1960—Film is classified CONFIDENTIAL).

11-2878 Cipher Machine TSEC/KW-9—Part II—Assembly of Keying Elements (U)

(10 min—1960—Film classified CONFIDENTIAL).

11-2879 Cipher Machine TSEC/KW-9—Part III—Organizational Maintenance (U)

(10 min—1960—Film Classified CONFIDENTIAL).

12-1653 The Army Statistical and Accounting System

Compiling and maintaining current information on military personnel—Use of machines, filing methods, and working procedures (32 min—1950).

12-1808 Recreation Leadership

A typical recreation program conducted under proper leadership is vital to the military training program (23 min—1953—Film Reference).

15-1920 Uniform Code of Military Justice

Origin of Articles of War—Purpose and composition of courts-martial—Various types of courts-martial—Procedure of courts-martial stages of review up to Court of Military Appeals—Comparison of unique quality of military and civilian conduct—Articles of the Code—Punitive crimes—The honorable discharge (45 min—1954—Film Reference).

15-1946 The Investigating Officer

Functions performed by the investigating officer conducting an investigation as preparatory step to a possible court-martial, in compliance

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- with Article 32: Uniform Code of Military Justice—Mental and moral approach to problem—Each phase of investigation illustrated (49 min—1954—Film Reference).
- 15-1950 The General Court-Martial**
Step-by-step procedures, legal and technical aspects of the general court-martial (73 min—1954—Film Reference).
- 15-1961 The Summary Court-Martial**
Several typical cases illustrate this simplified court procedure for handling relatively minor charges (45 min—1954—Film Reference).
- 15-1967 Nonjudicial Punishment**
Typical cases illustrate the proper procedure for administering non-judicial (corrective) punishment as authorized under Article 15: Uniform Code of Military Justice (26 min—1954—Film Reference).
- 15-2358 The Special Court-Martial**
Pretrial, trial, and post-trial procedures—Duties of trial counsel, defense counsel, president, and members of the court (56 min—1956—Film Reference).
- 16-1556 From Whence Cometh My Help**
Purpose, methods, and effects of pastoral counseling—Wounded soldier on Corregidor seeks advice of chaplain—Returning soldier discusses marital difficulties—Sergeant who wants to enter church—Prisoner in guardhouse—Two psychoneurotics and case of Negro soldier who need spiritual guidance from chaplain—Soldiers call on chaplain when need for counseling arises (30 min—1949).
- 16-1693 As Deep as the Heart**
Army chaplain always available to provide for soldiers' religious needs (40 min—1951—Film Reference).
- 16-1699 For Which We Stand—Let's Get It Straight**
Harmful effects of excessive drinking (15 min—1951—From Navy Film MN5321-B).
- 16-1700 For Which We Stand—To Be Held in Honor**
Effects of indiscriminate sexual indulgence—Prostitution—Sanctification of intercourse by marriage (21 min—1951—From Navy Film MN5321-C).
- 16-1753 The Military Funeral**
This training film, for officers-in-charge and chaplains, gives detailed instruction on each phase of correct military funeral procedure (48 min—1952—Film Reference).
- 16-1943 The Chaplain Story**
Combat chaplain in action—Mission—Responsibilities (15 min—1954—Film Reference).
- 16-2511 With Malice Toward Some**
Concerns prejudice, stressing the fact that the chemical composition of blood in all mankind is the same regardless of race or religion (10 min—1957—Distribution to Central and Post Film and Equipment Exchanges in CONUS and overseas for loan to Chaplains).
- 16-2512 Freedom—How Free Am I?**
Where does one man's freedom stop and the other man's begin? Appraises the moral and ethical aspects of the problem (8 min—1957).

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16-2513 Self-Control

A young soldier is faced with the moral and ethical aspects of exercising self-control during the period he is captive of the North Koreans—The film ends at a suspenseful point and the audience is left to conjecture his ultimate behavior (11 min—1958).

16-2515 Gratitude—Thanks to Whom?

Appraises the feeling of gratitude with reference to the question: Can a man be grateful for being a member of the Armed Forces? (5 min—1958).

16-2516 Sacrifice—Sentimental Journey

This film concerns the problem of a young enlisted man who must decide between his moral obligation to help his parents during his Dad's illness or his personal desire of making a trip to see his girl while he is on furlough (8 min—1958).

16-2517 Opportunity

Dramatization considers the question of deciding between a reassignment opportunity and remaining in a "comfortable rut" position—Two perplexed army sergeants are reluctant to decide (7 min—1958).

16-2518 Personal Integrity

Presents a situation in which a corporal must decide between his personal integrity and the possibility of losing his buddy's friendship—His buddy has done a favor for him but returns to barracks after bedcheck—He feels that in honesty and fairness to others, his friend should be reported—What would you do? (7 min—1958).

16-2519 Greatness

Poses the question as to what constitutes the measure of a man's "greatness"—Two men express differing opinions as to the merits of a sergeant just promoted to a better assignment—One soldier recounts several incidents that illustrate the fine qualities of the sergeant as a human being and as a leader (9 min—1958—Film Reference).

16-2520 Common Sense

What constitutes common sense in human judgement and behavior—Sergeant Edwards is chastised by his commanding officer for his irresponsible buying habits and his neglectful attitude in paying his creditors (8 min—1958—Film Reference).

16-2521 Clean Speech

Presents the question as to whether objectionable speech is morally more acceptable in some situations than in others (6 min—1958—Film Reference).

16-2522 Family

Moral responsibilities to the home and family are discussed—Responsibilities to your job—Where is the dividing line between these two?—Should your home be neglected for your job? (7 min—1958—Film Reference).

16-2695 Character Guidance Program, The

Measures to be taken by commanders and their staffs to establish effective program—Stressing objectives and military value of character guidance—Personal example of command as a key factor for strong character development in the individual soldier (23 min—1958—Film Reference).

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16-2735 Moderation

Presents the subject of moderation in the area of off-duty drinking—Evaluates the soldiers's moral responsibilities during his free time (6 min—1958—Film Reference).

16-2737 Ambition

Concerns the question as to whether a man's ambition must be "put on the shelf" while he is in the service—Responses of four men as they are informed that they are entering the army (7 min—1958—Film Reference).

16-2738 Are You Really a Man

Presents the question as to what qualities constitute manliness—Is it the boasting, bullying type or the quiet type who will not be drawn into a fight, yet is the better man in a boxing bout (7 min—1959—Film Reference).

16-2739 Perseverance

Presents the problem as to whether insisting on scrupulous adherence to all rules and regulations is necessary in preparing soldiers for combat—Would these men come through in a *real* war if their training was less severe (6 min—1959—Film Reference).

16-2740 Reputation

A first sergeant wonders whether duty requires him to reveal a corporal's past cowardice in combat when the corporal comes up for promotion to sergeant (9 min—1959—Film Reference).

16-2741 Self-Discipline

Explains how doing the right things regularly is a way of building self-discipline, which may enable one to meet future challenges more successfully (6 min—1959—Film Reference).

16-2743 Our Moral Defense

Poses the question as to which is the greater danger to our country: the Soviet threat or the threat from internal moral decay (8 min—1959—Film Reference).

16-2744 Patience

Poses the question as to whether it is worthwhile to work and sacrifice for a desired goal, or to take an immediately available substitute (6 min—1959).

16-2745 Worship in Life

The question of "Why Worship?" is considered, touching on the implications of "freedom of worship" guaranteed by the Bill of Rights (7 min—1959—Film Reference).

16-2746 Charity

Considers the question: "What Is Charity, in terms of voluntary good deeds and monetary contributions for charitable causes" (8 min—1959—Film Reference).

16-2790 Patriotism

A World War II hero is faced with the issue: How much does patriotism ask of a man in time of peace? (8 min—1959—Film Reference).

16-2791 Moral Responsibility of Safety

Four people directly and indirectly involved in a tragic car accident face the issue: Who was morally responsible for the accident? (6 min—1959—Film Reference).

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16-2792 Right Thinking and Living

Poses the issue: What does liking people have to do with leadership? (8 min—1959—Film Reference).

16-2793 Honesty

Poses the issue: Are honor and honesty unchanging, or do they depend on such considerations as motive and free choice? (8 min—1959—Film Reference).

16-2794 My Example

Poses the issue: Do people judge the U.S. Army by one soldier's uniform? (7 min—1960—Film Reference).

16-2795 Esprit

Dramatization poses the question: Does "spit-and-polish" build esprit, or destroy it? (6 min—1960).

16-2882 Right

Concerns the relative merits of government rule by communism and democracy—poses the question: "Can the majority be wrong in a Democracy?" (8 min—1960—Film Reference).

16-2883 Marriage

Debates the reason for marriage and its accompanying responsibilities—Poses the issue: "Is family more important than two people in love?" (8 min—1960—Film Reference).

16-2884 Life—A Trust

Poses the question as to what a person owes to oneself in life (10 min—1960—Film Reference).

16-2885 Group Living

Raises the question as to whether the mounting pressures of society are depriving the individual of his right to live his life as he chooses (9 min—1960—Film Reference).

16-2886 The Golden Rule

Concerns the application of the Golden Rule, posing the question of to what extent it should be carried out (7 min—1960—Film Reference).

16-2887 Truth

Portrays a situation where truth is concealed to protect an older man's job, posing the issue: "Is anything more important than truth?" (8 min—1960—Film Reference).

16-2966 Processing of Evidence—Part I—Preservation and Collection

How MP establish control at scene of crime; duties of MP investigator; types of evidence; collecting, identifying and preserving evidence; chain of custody (36 min—1960—Film Reference).

16-2967 Processing of Evidence—Part II—Handling, Evaluating, and Identifying

How MP investigator checks autopsy findings, vehicle registration, witnesses and suspects—duties of evidence custodian—Value of evidence in court (18 min—1960—Film Reference).

16-2980 The Chaplain as a Counselor

Objectives and scope of Army Chaplain in role as counselor—Principles and techniques employed in counseling activities (26 min—1960—Film Reference).

16-2981 Heritage

Raises the question as to whether the average American citizen is

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less familiar with the fundamentals of our Government than he ought to be (5 min—1960—Film Reference).

16-2982 Responsibility

Portrays some of the problems that beset people when they assume civic duties, posing the issue: "Is the price of responsibility too high?" (9 min—1960—Film Reference).

16-2983 Character Guidance Instruction—Part I—Teaching Techniques

Objectives and methods of character guidance instruction—Conference, committee, panel, and panel debate—Texts, visual aids, and rules for good teaching (15 min—1960—Film Reference).

16-2984 Character Guidance Instruction—Part II—Demonstration Class

Committee method—Selection of committees, discussion starter, polling of group opinions, class discussion, and summation by instructor (21 min—1960—Film Reference).

17-1508 The Reconnaissance Platoon and Company

Functions and operations—Security mission in protecting flanks of main body (27 min—1948—Film Reference).

17-1515 The Tank-Armored Infantry Team

Tactical use of tank-armored infantry team in armored division—Comparative strength of tanks and infantry—Utilization in varying tactical situations—Forming tank-armored teams from battalions of armored division—Typical march formation—Reinforced battalion in various tactical situations—Organization of assembly area—Advanced guard—Reduction of enemy defensive area—Consolidation of objective and preparation for continuing attack (26 min—1949—Film Reference).

17-1547 The Reinforced Tank Battalion in the Attack

Planning and coordinating large-scale armored offensive operation—Steps from combat commander to armored battalion commander—Orders—Execution of orders (33 min—1950—Film Reference).

17-1698 Reinforced Tank Battalion, Planning and Conduct of Delaying Action

Withdrawal plan—Reconnaissance of first and second delaying positions—Execution of plan by teams—Action of security patrols and supporting units (22 min—1956—Film Reference).

17-1716 The Reinforced Tank Company in the Attack

This film depicts the activities of a reinforced tank company preparing for an attack, and the conduct of the attack—Detailing all steps including personnel briefing by the company commander, reconnaissance, marking of tank positions, and preparation of communications and supplies—The attack—Coordinating all movements and supporting fires—Reorganizing company after accomplishment of mission (28 min—1952—Film Reference).

17-1767 Orientation on Armor

The experience gained in North Africa and Europe during WW II has influenced the new American field army—This armored army means firepower, mobility, and shock action—It includes in addition to tanks, armored personnel carriers, self-propelled artillery, mobile support service of fuel, ammunition, and food—Purposes of M41 light tank, M48 medium tank, and the heavy tank (12 min—1954—Film Reference).

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17-1968 Tank, 76-mm Gun, M41 and M41A1, Crew Firing Duties—Part I—Preparing for Action

Positions and firing duties of crew—Handling and stowage of rounds—Coordinated action in the prepare-to-fire procedure—Variations in M41 and M41A1 tanks (17 min—1955—Distribution limited to central film and equipment exchanges in CONUS and OS—Film Reference).

17-1969 Tank, 76-mm Gun, M41 and M41A1, Crew Firing Duties—Part II—Firing Duties

Firing duties of crew as they carry out fire command—Detecting and correcting causes for misfires—Clear and secure guns procedure (13 min—1955—Distribution limited to Central Film and Equipment Exchanges in CONUS and OS—Film Reference).

17-1970 Tank, 90-mm Gun, M47, Crew Firing Duties—Part I—Preparing for Action

Positions and firing duties of crewmen—Handling and stowage of rounds—Prepare-to-fire procedure—Cleaning and checking of equipment and loading of guns (17 min—1955—Distribution limited to Central Film and Equipment Exchanges in CONUS and OS—Film Reference).

17-1971 Tank, 90-mm Gun, M47, Crew Firing Duties—Part II—Firing Duties

Duties of crewmen as they carry out Fire Command—Detecting and correcting causes for misfires—Clear and secure guns procedure (15 min—1955—Distribution limited to Central Film and Equipment Exchanges in CONUS and OS—Film Reference).

17-1974 Fundamentals of Tank Turrets—Part I—Introduction and Turret Controls

Tank turret components—Turret controls and their operation—Development and role of tank during WW I and WW II—Firing demonstration by a tank crew (17 min—1954).

17-1975 Fundamentals of Tank Turrets—Part II—Vision Devices, Direct Fire Sights and Auxiliary Fire Control Equipment

Capabilities, functions, and operation of vision devices, direct fire sights, and auxiliary fire control equipment basic to tanks (17 min—1954).

17-1978 Pioneering by Armor

Showing how a reconnaissance platoon and a reinforced tank platoon overcome typical obstacles, including those defended by enemy fire—Use of available tools, materials, and field expedients—Emphasis on advance preparation of tools and equipment, alertness and ingenuity (23 min—1955—Distribution limited to Central Film and Equipment Exchanges in CONUS and OS—Film Reference).

17-1990 Actions of the Individual Tank

Characteristics and functioning—Tactical duties of crew members—Control measures for movement of tank—Terrain, security, selection, and occupation of firing positions—Demonstrates preparation in assembly area, on the march, and attack on the objective—Reorganization on objective for further operations (19 min—1955—Film Reference).

17-2117 Range Finder M12—Part I—Characteristics and Controls

Characteristics and components of the M12—Principles of stereo-

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scopic ranging—Identifies all the controls, explaining their purpose and how they are used (25 min—1955—Film Reference).

17-2118 Range Finder M12—Part II—Preparation for Ranging

How controls are preset for action—Technical detail of the ICS (internal correction system) adjustment—Accuracy and efficient operation of the rangefinder depends on proper adjustment of its controls (14 min—1955—Film Reference).

17-2179 Range Finder M12—Part III—Sight Adjustment and Use

Steps in boresighting and zeroing procedures—Application in specific firing situations: against stationary targets, against moving targets, and when one of the two optical systems has been damaged—Emphasis on accuracy and speed in ranging for combat effectiveness (13 min—1955—Film Reference).

17-2192 Tracked Vehicles in Support in Sub-Arctic—Part I—Winter Operations

Features, capabilities, and employment of M76 Otter, M29C Weasel and bulldozer with train of 10-ton sleds—Typical operational problems—Stress on importance of preventive maintenance (20 min—1956—Film Reference).

17-2262 Full Track Vehicle Driving—Part I—Preparation for Driving and Basic Driving

Functions of components (M48 Tank)—Checks and servicing for smooth operation—Controls and instruments—Starting and stopping engine—Flat terrain driving (26 min—1956—Film Reference).

17-2263 Full Track Vehicle Driving—Part II—Advanced Driving

Driving techniques in different types of terrain and under various weather conditions—Combat driving, covering: use of periscope, formations, cover, and concealment (22 min—1956—Film Reference).

17-2288 Elevation Quadrant, M13—Part I—Use of the M13 Quadrant

How the M13 is used to lay the gun at plus 132 miles, and then at minus 49 miles elevation (6 min—1956—Film Reference).

17-2289 Elevation Quadrant, M13—Part II—Test and Adjustment

How the M13 is tested for accuracy—How the required adjustment is determined—How the adjustment is made (5 min—1956—Film Reference).

17-2290 Gunner's Quadrant, M1—Part I—End For End Test, Plus Corrections

How the M1 is tested for accuracy using the *end-for-end test* for a plus .3 mil correction (6 min—1956—Film Reference).

17-2291 Gunner's Quadrant, M1—Part II—End for End Test, Minus Corrections

How to determine the amount of a minus correction, and how to make the correction—*End-for-end test* for a minus .2 mil correction (4 min—1956—Film Reference).

17-2385 Safe Loading Procedures 90MM Tank Gun

Inserting and balancing an ammunition round in loading notch—Chambering—Clearing path of recoil—Use of extracting and ramming tool—Safety pointers (5 min—1957—Film Reference).

17-2386 Ground Guide Arm and Hand Signals

Signals for guiding track-laying vehicles—Start engine, move forward, to rear, to left, to right, change direction, neutral steer, close up distance, and stop (4 min—1956—Film Reference).

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17-2387 Auxiliary Means of Communication—Part I—Light Aircraft Message Drop

Arrangement of air-ground communication panels to indicate center of drop zone and wind direction to pilot (5 min—1957—Film Reference).

17-2388 Auxiliary Means of Communication—Part II—Light Aircraft Pickup

Arrangement of air-ground communication panels to indicate pickup point and wind direction to pilot—Installation of suspended wire with pickup pouch (3 min—1957—Film Reference).

17-2389 Track Tension Adjustment—Part I—M41 Tank

How to measure and eliminate sag to obtain correct track tension—How to recheck initial adjustment (4 min—1956—Film Reference).

17-2390 Track Tension Adjustment—Part II—M48 and M48A1 Tank

Correct procedures for checking track tension, measuring sag, correcting track tension, and rechecking initial adjustment (5 min—1957—Film Reference).

17-2393 Tank Interphone Operation—Part I—Internal

How to operate three sets of interphone equipment in tank—Applying power, monitoring radio transmission, transmitting to members of crew or to a set outside the tank (4 min—1956—Film Reference).

17-2394 Tank Interphone Operation—Part II—External

How to operate equipment to make contact with supporting elements—Turning on power, testing system, and setting signal and talk and listen switches (3 min—1956—Film Reference).

17-2425 Range Determination

Methods to determine range quickly and accurately in combat—Use of rangefinder, range estimation by eye (28 min—1957—Film Reference).

17-2494 Medium Wrecker Truck M-62—Part I—Preparation for Lifting

Adjusting boom to lift loads at various radii—Use of Safe Load Chart—Increasing weight-lifting capability for maximum load—Safety precautions (10 min—1957—Film Reference).

17-2495 Medium Wrecker Truck M-62—Part II—Power Plant Removal

Removal of power plant from Tank M-48—In first method, the M-62 is positioned to right of tank; in second method, the M-62 is positioned to rear of tank (7 min—1957—Film Reference).

17-2496 Tank Recovery Vehicle M-74—Part I—Preparing for Boom Operation

Rigging the spade and boom—Use of the ground spade for loads in excess of 15,000 pounds—Rigging the boom with two-part line for maximum lift capacity (7 min—1957—Film Reference).

17-2497 Tank Recovery Vehicle M-74—Part II—Rigging for Live Boom Operation

Removal of boom foot pin, position boom cylinder to rear of vehicle, activating and aligning cylinder rod with crank arm, securing crank arm—Same procedure for both boom legs (7 min—1957—Film Reference).

17-2498 Tank Recovery Vehicle M-74—Part III—Power Plant Removal

Attaching sling cable, hoisting and clearing power plant from Tank M-48—Resting plant on ground blocks—Stress on safety measures and teamwork (5 min—1957—Film Reference).

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17-2504 Armor Combat Power

Describes the combat power of armor, depicting the features and fire capability of vehicles and weapons organic to the armor fighting team; missions, organization, and fire potential of tank and armored platoons—Presents a tactical demonstration (24 min—1958—Film Reference).

17-2538 Daily Crew Maintenance, Armored Personnel Carrier M-59

Presents services performed in the four phases of daily maintenance: before operation, during operation, at halt, and after operation—Proper use of tools, technical manual, and operational record form (28 min—1957—Film Reference).

17-2587 Armor Team Security

Responsibility of everyone on team—Security measures taken in combat—Selection, reconnaissance, and organizations of assembly areas—Security precautions for day, night, “Stand to,” and on the march (24 min—1958—Film Reference).

17-2600 Communication in an Armor Battalion Task Force Command Post

Organization and physical arrangement of task force—Communication requirements as force prepares for attack—Communication facilities available in various sections and elements of task force—Means of communications and their employment (26 min—1958—Film Reference).

17-2693 Armor Marches

Follows the action of an armored unit of a tank battalion in planning and executing a march from a bivouac area to an assembly area—Unit is reinforced and continues on to the attack position—Tanks and communication equipment are checked—Day and night march procedures (26 min—1959—Film Reference).

17-2724 Tank and Armored Rifle Platoons, Techniques of Employment—Part I—Offense

Methods of attack: on one axis, on two axes, and tanks supported by fire—Tactical applications of combat formations, advancement by alternate or successive bounds, distribution of fire (23 min—1959—Film Reference).

17-2725 Tank and Armored Rifle Platoons, Techniques of Employment—Part II—Defense and Retrograde Movements

Defense movements: avenues of approach, fire position, and coordinated firepower, retrograde movements: retirement, withdrawal from defense positions, and delaying action (22 min—1959—Film Reference).

17-2726 Commander's Cupola M1, Machine Gun—Part I—Assembly, Installation and Disassembly

Protection capability of cupola; operation of gun manually and electrically, preparation of gun for installation in cupola; installation, loading and firing; removal and disassembly of gun (18 min—1960).

17-2727 Commander's Cupola M1, Machine Gun—Part II—Operation and Corrective Actions

Procedure for loading, firing, clearing, boresighting, and zeroing—common malfunctions and corrective actions—safety precautions during operation (12 min—1960).

17-2778 Road Test Procedures For Tactical Tracked Vehicles

Second echelon procedures—Before-operation inspection service ad-

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justment of deficiencies in major operations elements—Road test—After-road-test inspection services—Final road test (29 min—1959—Film Reference).

17-2779 Range Cards For Tanks

How sketch and circular-type range cards are prepared and used—How firing data for each target are secured—Use of card data to engage targets (25 min—1959—Film Reference).

17-2780 Magneto Ignition Timing AV-1790 Engine Series

Relation of timing to vehicle operation; preparation of engine for ignition timing; timing flywheel and accessory magnetos of engine; use of power timing light (27 min—1959—Film Reference).

17-2826 The Armor Soldier on the Nuclear Battlefield

Effects of nuclear bursts—Protective measures in combat for armor units—Cover, concealment and dispersion—Stress on readiness for attack (30 min—1959—Film Reference).

17-2830 Water Operations of the M59 Armored Personnel Carrier

Reconstruction and plan for safe crossing—Inspection of carrier, personnel, maximum loads, and securing of cargo, operation of carrier in crossing, inspection and maintenance after operation (23 min—1960).

17-2837 The Tank Company Team in Offense—Coordinated Attack

Plan of attack based on METT—Preparation for March Order; moving to attack position; conduct of attack—Coordination action of tank, infantry and supporting fire units (28 min—1960).

17-2942 Range Finder M13A1—Part I—Characteristics and Controls

Functions of range scale, ranging and gun-laying reticles; stereoscopic ranging; use of diopter, interpupillary, halving and ICS controls (22 min—1960—Film Reference).

17-2943 Range Finder M13A1—Part II—Preparation for Ranging

Diopter and interpupillary adjustments checks on range scale and reticle lights; halving adjustment of stereoscopic patterns; ICS adjustment (20 min—1960—Film Reference).

17-2944 Range Finder M13A1—Part III—Boresighting and Zeroing

Boresighting adjustments of periscope, telescope, and rangefinder—Zeroing gun, telescope, periscope, and rangefinder (17 min—1960—Film Reference).

17-2945 The 4.2-inch Armor Mortar Platoon, Armor Units

Mission, capabilities, organization, and tactical employment of Armor mortar platoon; action of platoon in support of advancing task force—Planning and conduct of attack (26 min—1960—Film Reference).

17-2996 Armor Mobile Forces Firepower Demonstration

Combat capabilities of armored division—Use and capabilities of vehicles and weapons employed by division—Organization, mission, and capabilities of major armor complement—Tactical demonstration by U.S. Army Armor School (26 min—1960—Color—Limited distribution to CF&EEs in CONUS and OS).

19-1482 Absence Without Leave and Desertion

Effects of AWOL—Effects of desertion on individual and his organization (33 min—1948—Film Reference).

19-1485 Wearing of the Uniform

Importance of neat appearance—Courtesy—Good behavior—Expla-

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nation and demonstration of military personnel (20 min—1948—Film Reference).

19-1552 Military Police on Trains

Duties and responsibilities of military police and shore patrol on trains and in railroad and bus stations—Tact and diplomacy (34 min—1949—Film Reference).

19-1563 Collection and Preservation of Evidence

Investigation of a homicide by CIP—Checking equipment for collection and preservation of evidence—Examining details of collection, marking, and preserving all evidence—Photographic recording or sketching scene of crime—Evaluation of evidence—Questioning of suspects—Solution of crime (62 min—1949—Film reference).

19-1579 Traffic Patrols and Escorts

Military police on traffic patrol and escort duty—Techniques for area and organizational traffic control—Safe guidance of convoys through controlled areas by advance escort, leapfrog, and truck methods (22 min—1949—Film Reference).

19-1608 Rehabilitation of Military Prisoners

Modern penology—Army rehabilitation—Routine of disciplinary barracks administration—Technique of custodial control (34 min—1949—Film Reference).

19-1610 Prevention of Pilferage—Part I—Depots and Warehouses

Exposing casual and systematic pilferage—Measures to prevent stealing—Principles for effective program—Proper prevention, apprehension procedures (20 min—1952—Film Reference).

19-1634 Personal Encounter (Judo)—Part I—Basic Principles

Best method of protection against attack—Counterattack principles—Six basic principles—Balance—Stahara (use of stomach muscles)—Maximum versus minimum—Momentum—Major and minor operations—Leverage (6 min—1951—Film Reference).

19-1634a Personal Encounter (Judo)—Part II—Falling

Technique of falling correctly (4 min—1951—Film Reference).

19-1634b Personal Encounter (Judo)—Part III—Throwing

Three basic throws: hip, shoulder, and leg hook throws (7 min—1951—Film Reference).

19-1634c Personal Encounter (Judo)—Part IV—Follow Through

Judo blow used as followthrough (2 min—1951—Film Reference).

19-1634d Personal Encounter (Judo)—Part V—Defense Against Body Holds

Defenses—Leg smash—Kick to groin (8 min—1951).

19-1634e Personal Encounter (Judo)—Part VI—Defense Against Choke Holds

Windmill defense—Wedge—Elbow smash—Wrist takedown—Reverse windmill—Bent-arm choke (6 min—1951).

19-1634f Personal Encounter (Judo)—Part VII—Taking Prisoners

Finger, wrist, and hammerlock come-alongs (7 min—1951).

19-1634g Personal Encounter (Judo)—Part VIII—Defense Against Wrestling Holds

Full Nelson—Side headlock—Front headlock—Hammerlock (4 min—1951).

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- 19-1634h Personal Encounter (Judo)—Part IX—Defense Against Knife or Club**
Blocking knife thrust or club blow and following with judo throw (9 min—1951).
- 19-1634i Personal Encounter (Judo)—Part X—Offensive Use of the Police Riot Club**
Use of police club in crisscross stranglehold, Japanese rear choke, and riot club come-along (7 min—1951).
- 19-1661 Prevention of Pilferage—Part II—On Ships and Wharves**
Precautionary measures against various methods of pilfering (31 min—1951—Film Reference).
- 19-1701 Support in Emergencies—Riot Control**
Military police quell riot in hypothetical industrial town—Types of action often successively necessary in such operations—Emphasizes importance of military bearing, necessity for remaining well-mannered but firm, and the employment of minimum number of troops necessary for success of mission—Suppression of violence without needless bloodshed (29 min—1951—Film Reference).
- 19-1740 Guarding Against Sabotage**
Techniques, methods, and case histories of sabotage—Fire, explosives, and mechanical means—Industrial plants, transportation facilities prime targets—Common conditions inviting sabotage—Preventing unlawful destruction—Responsibilities of civilian and military guards (Revision of TF No. 19-2032—32 min—1952—Film Reference).
- 19-1748 The Airborne Military Policeman**
Explaining, step by step, the duties and responsibilities of the military police company assigned to support airborne action—Role and importance before, during, and after the jump and in the command post area (21 min—1952—Film Reference).
- 19-1794 Military Police Headquarters**
Illustrating the precise manner of the functioning of the military police headquarters—The duties of both the patrol sergeant and the desk sergeant—The use of the journal (11 min—1952—Film Reference).
- 19-1795 Military Police Services**
Illustrates the duties and responsibilities of the military police, the fists and the helping hand of the army toward any person subject to military law (9 min—1952—Film Reference).
- 19-1796 Military Police Approach—Individuals**
Demonstrates the techniques used by the military police when apprehending, searching, or questioning normally stable persons and drunks, and belligerent suspects (9 min—1952—Film Reference).
- 19-1797 Military Police Approach—Vehicles**
Methods employed by military police in apprehending motorists for traffic violations—Overtaking and apprehending criminals—Review of techniques (11 min—1953—Film Reference).
- 19-1799 Booking of Military Offenders**
Correct methods and procedures in recording incidents and processing military offenders at military police headquarters—Proper method of searching prisoners and handling their personal property—The offense report and the journal (17 min—1952—Film Reference).

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19-1800 Military Police Duties at Traffic Accidents

Demonstrating the eight rules of procedure for military police in handling traffic accidents (20 min—1953—Film Reference).

19-1806 Military Police Support in Amphibious Operations

Duties and functions in support of combined amphibious assault—Landings of division and support brigade military police—Duties include traffic control of men and equipment, control and direction of beach traffic, parking and spacing of vehicles, providing escorts, directing stragglers to collection points, aiding in capturing enemy snipers and enemy paratroopers, guarding prisoners of war, helping to control movements of civilians and refugees, and guarding supplies to prevent pilferage and sabotage (14 min—1953—Film Reference).

19-1807 Straggler Control

Military police control the movements of all military and civilian persons into or out of the combat area—Straggler problem within division area—Detecting, apprehending, and disposing of the lost, sick, and deliberate straggler (18 min—1953—Film Reference).

19-1809 Geneva Conventions—Handling Prisoners of War

Techniques and procedures for handling POW's from time of capture to internment in POW camps in accordance with convention, 1949 (25 min—1952—Film Reference).

19-1847 Industrial Plant Protection

Vital to national security—Basic physical security standards for insuring uninterrupted defense production—Scale model illustrates mechanical aids to security—Purposes of perimeter defense line and inner defense systems—Need and requirements of good lighting system, efficient communication and alarm system, properly secured locks, and a highly trained guard force (29 min—1953—Film Reference).

19-2111 Military Police Town Patrol—Part I—Foot Patrols

Planning and organization of patrols—Preparation for mission—Familiarization with patrol route—How to advise and assist soldiers—How to enforce regulations (36 min—1956—Film Reference).

19-2112 Military Police Town Patrol—Part II—Motor Patrols

Cruising in patrol area—Visiting off-limits night clubs—Handling intoxicated soldier—Quelling brawl—Apprehending intoxicated driver (16 min—1955—Film Reference).

19-2137 Point Control of Traffic

Hand and arm signals—Traffic flow through one-way and four-way intersections—Flow cycle—Pedestrian traffic—Right-of-way vehicles—Traffic at defiles (32 min—1955—Film Reference).

19-2271 The Traffic Accident Spot Map

Use and preparation of map—Symbols used for plotting information, the required scale of the map, and the features of a suitable legend (4 min—1956—Film Reference).

19-2272 The Collision Diagram

Use and preparation of diagram—Plotting information, legend, right-angle, rear-end and side-swipe collision patterns (5 min—1956—Film Reference).

19-2273 Search, The

Search procedures employed to prevent contraband or unauthorized articles from being taken into or out of a military stockade—Techniques

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used to search prisoners and vehicles, and disposition of unauthorized items (7 min—1959—Film Reference).

19-2275 Motor Vehicle Spot Speed Studies—Setting up Mirror Boxes

Positioning boxes—Positioning of observer and recorder—Clocking passing vehicles—Recording data—How studies aid in enforcement (6 min—1956—Film Reference).

19-2287 Apprehension and Search of Persons

Technique of taking persons into custody—Conducting frisk, wall, and complete searches—Use of handcuffs—Disposition of female offenders (27 min—1956—Film Reference).

19-2442 Suspects and Witnesses—Part I—Basic Interviews

Interviews of two typical witnesses by an MP after an accident—Interviewing techniques, effects of emotion and prejudice on observations (16 min—1957—Film Reference).

19-2443 Suspects and Witnesses—Part II—Complaints and Hostile Witnesses

Interviews of two typical witnesses by Military Police Criminal Investigators—Questioning technique and careful evaluation of testimony is stressed (21 min—1957—Film Reference).

19-2444 Suspects and Witnesses—Part III—Interrogating Suspects

Techniques used to question: a suspect whose guilt of breaking into a PX is uncertain, and the suspect of a brutal crime (44 min—1957—Film Reference).

19-2540 Investigation of Narcotics Offenses

Discusses the symptoms of drug addiction, and illustrates the techniques and procedures related to the discovery, apprehension, and search of offenders (40 min—1958—Film Reference).

19-2749 Geneva Conventions—Rights and Obligations of Prisoners of War

Provisions of 1949 convention: rights of PW, search, personal items, medical care, shelter, food, clothing, religious worship, work, and mail (28 min—1960—Film Reference).

19-2751 Military Prisoners—Part I—Duties of Guards Within A Confinement Facility

Functions of tower, compound, main-gate, sally-port and visiting-room guards—Basic principles governing proper guard performance (23 min—1959—Film Reference).

19-2752 Military Prisoners—Part II—Duties of Prisoner Guards Outside A Confinement Facility

Control measures applied to maximum, medium, and minimum prisoner custody classification—Handling prisoner transport, work details, and attempted escapes (19 min—1959—Film Reference).

19-2753 Military Prisoners—Part III—Movement of Military Prisoners

Techniques and control measures used in moving prisoners by foot, sedan, bus, and train—Stress on advance planning and duties of guards (20 min—1959—Film Reference).

19-2772 Civilian Guard Services

Security procedures and devices used within and outside military installations and industrial plants; duties of static, foot or vehicular patrol, escort and riot guards (29 min—1959—Film Reference).

19-2966 Processing of Evidence—Part I—Preservation & Collection

19-2967 Processing of Evidence—Part II—Handling, Evaluating & Identifying

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19-3004 Military Prisoners—Part IV—Stockade Admission Procedures

Prisoner identification, personal property search, medical examination, issuance of uniform, briefing on stockade rules, and assignment of custody grade (26 min—1960—Film Reference).

19-3005 Military Prisoners—Part V—Correctional Treatment

Aims and principles of treatment—Proper custody classification, evaluation of motive behind offense, and appropriate handling of prisoner; action of clemency board (29 min—1960—Film Reference).

20-1684 Once Too Often

Safety film—Recklessness of soldier on leave—Results (25 min—1951).

20-1736 Introduction to Army Work Simplification

Demonstrating work simplification in action—Need for and value of the program—Importance of line supervisor to success of program—Flexible army regulations system permits utilization of managerial improvement Program (19 min—1953).

20-1737 Work Simplification in the Office

Scope and variety of office work in the Department of the Army—Role of work simplification program—Five tools are: Work distribution chart, flow process chart, work count, motion economy analyses, and layout studies to be preceded by TF 20-1736 (25 min—1954—Film Reference).

20-1738 Work Simplification in the Shop

Definition of work simplification program as applied to civilian and military phases of DA—Tools studied and analyzed—Better management at lower cost—Maximum effectiveness possible when program is utilized at all levels (17 min—1954—Film Reference).

20-1771 Production Control—Part I

Step-by-step procedure by which management regulates production output to meet fluctuating product requirements of the company's sales efforts—Basic importance of routing in manufacture (11 min—1955—Distribution limited to Central Film Libraries in CONUS only—Commercial Adaptation).

20-1772 Production Control—Part II

Three final steps in production control—scheduling, dispatching, and follow up (11 min—1955—Distribution limited to Central Film Libraries in CONUS only—Commercial Adaptation).

20-1980 Land Mine Warfare—Part II—Siting and Marking

Showing order and method in which siting party lays boundary, centerline, safety lane, vehicle and patrol lane tapes—Method in which marking party fences and marks the minefield (11 min—1955—Film Reference).

20-1982 Land Mine Warfare—Part IV—Recording and Reporting

Procedures for recording and reporting minefields—Reports of intention, initiation, completion, change, transfer, minimum, and maximum record (13 min—1955—Film Reference).

20-1985 Land Mine Warfare—Part VII—Protective Minefields

Step-by-step procedure for the installation of a protective minefield as a combat outpost by a combat platoon—Other uses of a minefield—Final disposition to minefield after it has served its purpose (11 min—1955—Film Reference).

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20-1987 Land and Mine Warfare—Part IX—Assault Breaching

Procedures and techniques for deliberate and hasty breach of an enemy minefield—Activities and duties of reconnaissance patrol and of breaching parties—Methods of opening and widening lanes for passage of troops—The assault and passage of forces (19 min—1955—Film Reference).

20-1988 Land Mine Warfare—Part X—Area Clearing

Study of area to be cleared—Checking of minefield records—Reconnaissance of area—Mechanical and manual methods of clearing a minefield—Handling and storage of defuzed mines in good condition (12 min—1955—Film Reference).

20-1989 Land Mine Warfare—Part XI—Behavior in a Minefield

Techniques of moving safely through minefield—Planning best way out—Probing for trip wires and mines—Uncovering and marking trip wires and mines—Marking safety line—Reporting minefield to CP—Moving injured man out (10 min—1955—Film Reference).

20-2531 Individual Protection Against Atomic Attack

Explains the principal effects of atomic explosions, blast, heat and nuclear radiation—Depicts protective measures to be taken by the individual soldier before, during, and after the attack—Emphasizes fact that soldier must learn to protect himself (25 min—1958—Film Reference).

20-2561 The Pentomic Army

New type organization, tactics, firepower, mobility, communications, and equipment—The Pentomic Army, designed to meet modern concepts of war—Demonstrates new weapons, new transportation, infrared equipment, new Mechanical Mule—Shows firing of missiles and rockets (50 min—1958—Color).

20-2561 The Pentomic Army

New type organization, tactics, firepower, mobility, communications and equipment of The Pentomic Army designed to meet modern concept of war (50 min—1959—Supplementary distribution of b&w prints; distribution of color prints was previously made).

20-2596 Soviet and Satellite Employment of Mines

Discusses the features and tactical employment of landmines used by the Soviet and Satellite troops during World War II and Korea—Application in defensive and offensive operations—Describes the different antitank, antipersonnel, and improvised models (20 min—1958—Film Reference).

20-2597 Soviet and Satellite Employment of Booby Traps

Employment of booby traps in combat—What may be done to reduce their effectiveness—Booby trap devices and techniques used—Recommended precautions and procedures to check and eliminate the danger of the traps—Suspicious areas should be cautiously inspected, marked, and reported (18 min—1958—Film Reference).

20-2748 Field Training of the U.S. Corps of Cadets

Summer training of West Point cadets at Camp Buckner—Physical training, military doctrine and weaponry tactical exercises under simulated combat conditions (33 min—1959—Color—Distributed to CF&EEs in CONUS and OS).

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- 20-2801 Land Mine Warfare—Part III—Laying the Minefield**
Laying mines by hand and by vehicle—M15, M16 and M14—Cluster patterns; fuzing; arming, installation and camouflaging; booby trapping and trip wiring—Laying M49 Trip Flare (21 min—1959—Film Reference).
- 20-2802 Land Mine Warfare—Part V—Arming, Disarming, and Camouflage**
Protection and safety precautions involved in handling the M15 and M19 antitank mines, M14 and M16 antipersonnel mines, and M49 trip flare (29 min—1959—Film Reference).
- 20-2803 Land Mine Warfare—Part VIII—Nuisance Mining**
Features, tactical use, and laying of the four types: area mining, route mining, installation mining, and mining behind enemy lines (17 min—1959—Film Reference).
- 20-2832 What Caused the Crash—Part I—The Pre-Accident Plan—Army Aircraft**
Use and elements of plan for crash rescue and investigation—Accident priority list; crash alarm system, vehicle and equipment; aircraft investigation board, and crash investigation kit (15 min—1959—Film Reference).
- 20-2833 What Caused the Crash—Part II—Crash Rescue and Investigation—Army Aircraft**
Preliminary accident report, rescue of victims—Work of aircraft investigation board to determine reason for accident—Preparation and purpose of crash survival board (33 min—1959—Film Reference).
- 20-2834 The Case Method of Instruction—Part I**
Principles, application and value of method, role of instructor, how issues of case in point and plausible solutions grow out of discussion process (19 min—1959—Film Reference).
- 20-2835 The Case Method of Instruction—Part II**
Shows how one instructor handles a case discussion (23 min—1959—Film Reference).
- 20-2836 The Case Method of Instruction—Part III**
Shows how another instructor handles a second case discussion—The value of the case method in training executives and logistics managers is reiterated (19 min—1959—Film Reference).
- 20-2968 The Army Field Stock Control System—Part I—Stock Accounting Operations**
Logistical mission, elements and functioning of Army Field Stock Control System—Organization and operation of stock account control system—Procedure followed for authorized and fringe items (22 min—1960).
- 20-2974 The Army Field Stock Control System—Part II—Supply Liaison**
Mission, organization, and activities of Army Supply Liaison Teams—How joint teams from Army Headquarters and Supply Depots conduct supply surveys at field installations (21 min—1960).
- 21-1018 Keep It Clean**
Importance of keeping soldier's rifle clean—results of individual's carelessness (14 min—1943—Film Reference).
- 21-1121 Elementary Tactics of Life Saving**
Various methods of approach—Breaking holds—Carrying men in

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danger of drowning—Carrying victims to shore by firemen's carry and saddle back carry (11 min—1944—Film Reference).

21-1244 **Abandon Ship**

Techniques for abandoning ship—Advance preparation—Care of equipment and clothing needed in emergency (29 min—1944—Film Reference—From Navy Film MN 1145).

21-1370 **Camouflage—Movement of Individuals and Small Units**

Teaches the soldier various devices to use for individual and unit protection against enemy view and fires—Basic principles of camouflage—Shadows (13 min—1944—Film Reference—From British Army Film BC-476).

21-1612 **A Penny Saved**

Approach to supply discipline aimed at individual soldier—Problems connected with supply discipline—Examples of varied methods of saving—Salvaging and conserving equipment—Carelessness and disregard of common sense in handling equipment—Cases of group and common property damage (28 min—1951).

21-1741 **Seeing in the Dark**

Principles and techniques of adapting the eyes to the dark—Using offcenter vision and short, scanning eye movements effectively and confidently—Employing infrared equipment (27 min—1952—Film Reference).

21-1840 **Principles of Leadership**

Mastery of the 11 principles of leadership illustrated in this film will guide those with leadership potentialities to the confidence, respect, obedience, and cooperation of their subordinates (43 min—1953—Film Reference).

21-1921 **Troop Indoctrination for an Atomic Exercise**

Planning for an atomic maneuver—Nature and effects of atomic explosions—Protective measures against effects—Various phases of a typical atomic exercise—Emphasis on application of prescribed safety measures for preservation of life (33 min—1955).

21-1965 **Military Courtesy**

Necessity for, and basic elements of, military courtesy (17 min—1954—Film Reference).

21-1973 **Escape**

When and where chances for escape from enemy custody are most favorable—Planning considerations and precautions—Illustrates escapes, based on case histories, at the front lines, from division inclosure, from truck and train, and from PW camps (45 min—1955—Film Reference).

21-2097 **Camouflage Principles**

Use and methods of camouflage—Uses of shades and shadow—Avoidance of light background—Methods of moving to avoid detection and enemy fire—Camouflaging vehicles, gun positions, and fortifications—Selection of site—Avoidance of highlights, color, tone, movement, and shadow (25 min—1945—Color).

21-2098 **Individual Concealment**

Importance of correct camouflage for concealment of the individual soldier—Methods, procedure, and techniques of camouflaging—Method of darkening face, hands, and neck (30 min—1945—Color).

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21-2099 Concealment of Vehicles

Technique of camouflage applied to vehicles in temporary and permanent bivouac—Standard procedure and field expedients for concealing vehicles and tire marks near bivouac or parking area (28 min—1945—Color).

21-2100 Concealment of Bivouac

Problems involved in selection and camouflage of bivouac area against air reconnaissance—Drapes and flat tops—Natural cover (24 min—1945—Color).

21-2113 Physical Training, Army Drill Number One—Part I—Exercises 1-4

High jump, bend and reach, squat thrust, and rowing (21 min—1956—Film Reference—Distribution to central film libraries in CONUS and OS).

21-2114 Physical Training, Army Drill Number One—Part II—Exercises 5-8

Squat bender, pushups, side bender, and body twist (12 min—1956—Film Reference—Distribution to central film and equipment exchanges in CONUS and OS).

21-2115 Physical Training, Army Drill Number One—Part III—Exercises 9-12

Squat jumper, trunk twister, stationary run, and 8-count pushup (10 min—1956—Film Reference—Distribution to Central Film and Equipment Exchanges in CONUS and OS).

21-2116 Physical Training, Army Drill Number One—Part IV—Alternate Exercises, Supplementary Activities

Bottoms up and turn and bounce—Running in formation, sprints, and cross-country runs—Guerrilla exercises—Grass drill—Combative drill—Mass games and relays (10 min—1956—Film Reference—Distribution to Central Film and Equipment Exchanges in CONUS and OS).

21-2197 Camouflage for Scouting and Patrolling

Camouflage and movement techniques employed by combat troops in day and night operations—Stress on good camouflage discipline for survival (33 min—1957—Color—Film Reference).

21-2301 Military Instruction—Part I—Principles of Learning

Cover the six principles of learning: Motivation, objective, doing, realism, background, and appreciation—Importance of appeal to senses to stimulate student interest (23 min—1956—Film Reference).

21-2302 Military Instruction—Part II—The Stages of Instruction—Preparation

Estimating teaching situation—Selecting and organizing material—Checking availability of training aids—Preparing lesson plan—Rehearsing lesson—Final check of all arrangements (12 min—1956—Film Reference).

21-2303 Military Instruction—Part II—The Stages of Instruction—Presentation

Covers elements and advantages of introduction, explanation, and summary (12 min—1956—Film Reference).

21-2304 Military Instruction—Part II—The Stages of Instruction—Application, Examination and Review of Critique

Elements and advantages of application, examination, and review of critique (20 min—1956—Film Reference).

21-2305 Military Instruction—Part III—Training Aids

Types, characteristics, and use of simple and complex training aids—

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GTAs, chalkboards, film strips, slides, transparencies, working models, and motion pictures (23 min—1956—Film Reference).

21-2306 Military Instruction—Part IV—Speech Techniques

Gaining attention of students—Diction—Mannerism—Stance—Delivery (11 min—1956—Film Reference).

21-2720 Code of the Fighting Man

Explains the moral obligations of the individual soldier in accordance with the precepts of the Code of Conduct for the fighting man while in the service of his country—This Code is composed of six articles which are portrayed in dramatized situations (55 min—1959—Film Reference)

25-152 Ignition and the Spark Plug

Fundamentals of construction, operation, and maintenance of spark plugs and ignition systems used in motor vehicles (21 min—1941).

25-333 The Engine Lathe—Rough Turning Between Centers

Setting up engine lathe for a rough turning job between centers—Piece already cut to length and centered—Safety precautions in dress and work—Various controls on lathe (15 min—1941—Film Reference—From US Office of Education Film No. 6).

25-334 The Engine Lathe—Turning Work of Two Diameters

Sequence of operations in turning a gear blank with a shaft from a solid piece of round stock (14 min—1941—Film Reference—From US Office of Education Film No. 7).

25-335 The Engine Lathe—Cutting a Taper With the Compound Rest and With the Taper Attachment

Operations when turning sharp taper on level gear blank with compound rest and slight taper on shaft with taper attachment (10 min—1941—Film Reference—From US Office of Education Film No. 8).

25-336 The Engine Lathe—Drilling, Boring, and Reaming Work Held in Chuck

Operations when cutting tapered hole in solid forged steel gear blank—Operations in centering piece in chuck, rough facing, drilling, tapered boring, and reaming (10 min—1942—Film Reference—From US Office of Education Film No. 9).

25-337 The Engine Lathe—Cutting an External National Fine Thread

Various shapes and uses of national fine thread—Procedures for cutting thread on lathe (12 min—1942—Film Reference—From US Office of Education Film No. 10).

25-338 The Milling Machine

Parts of earliest standard plain milling machine—Capabilities, operation, and work accomplished on it (7 min—1942—Film Reference—From US Office of Education Film No. 11).

25-339 The Milling Machine—Cutting Keyways

Setting up shaft on table of milling machine for cutting keyway at each end—Selection of cutter—Determination of speed and feed—Setting machine for depth and length of cut (15 min—1942—Film Reference—From US Office of Education Film No. 12).

25-340 The Milling Machine—Straddle and Surface Milling to Close Tolerances

Methods and procedure followed when rough milling a solid bar of stock—Finish milling of same piece to given shape and size (27 min—1942—Film Reference—From US Office of Education Film No. 13).

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25-341 The Milling Machine—Straddle Milling

Procedures followed when straddle milling a pair of connecting rods held in a fixture—Function of fixtures in production work illustrated (17 min—1942—Film Reference—From US Office of Education Film No. 14).

25-342 The Milling Machine—Plain Indexing and Cutting A Spur Gear

Setup of milling machine—Use of dividing head—Cut of 8-pitch spur gear with 36 teeth (25 min—1942—Film Reference—From US Office of Education Film No. 15).

25-343 The Vertical Boring Mill—Rough Facing, Turning, and Drilling on a Vertical Turret Lathe

Operations used in rough facing, turning, and drilling aluminum casting held in chuck jaws of vertical turret lathe (31 min—1942—Film Reference—From US Office of Education Film No. 16).

25-344 The Vertical Boring Mill—Rough Facing, Boring, and Turning a Shoulder on a Vertical Turret Lathe

Tooling a vertical turret lathe for work requiring independent use of vertical and side heads (22 min—1942—Film Reference—From US Office of Education Film No. 17).

25-345 The Vertical Boring Mill—Facing, Turning, Boring, Grooving, Chamfering on a vertical Turret Lathe, Using two Heads

Tooling a vertical turret lathe for work requiring simultaneous use of both vertical and side heads (31 min—1942—Film Reference—From US Office of Education Film No. 18).

25-346 Steel Rule

Steel rule in detail—Various forms in general uses—Fractional scales—Correct use (14 min—1942—Film Reference—From US Office of Education Film No. 1).

25-347 Micrometer

Various forms of micrometers—Reading micrometers—Use and care (15 min—1942—Film Reference—From US Office of Education Film No. 2).

25-349 Vernier Scale

Principles of vernier scale—Its application to precision measurement (19 min—1942—Film Reference—From US Office of Education Film No. 4).

25-350 Height Gages and Standard Indicator

Fundamental principles of vernier height gage—Various forms of standard indicators—Their use (12 min—1942—Film Reference—From US Office of Education Film No. 5).

25-624 Cutting a Keyway on a Finished Shaft

The shaper—Parts and controls—Procedures and precautions in cutting keyway in end of finished steel shaft (13 min—1942—Film Reference—From US Office of Education Film No. 19).

25-626 Drilling and Tapping a Cast Steel Valve Body

Techniques used when drilling and tapping blind holes in cast steel on a radial drill—Drill jig with loose bushings used for locating holes (19 min—1942—Film Reference—From US Office of Education Film No. 22).

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- 25-627 Drilling to a Lay-out and Spotfacing a Cast Iron Valve Body**
Drilling and spotfacing holes in flange of cast iron valve body—Details of setting up work in machine—Adjusting feed and speed—Checking work for accuracy (15 min—1942—Film Reference—From US Office of Education Film No. 23).
- 25-628 Machining a Tool Steel V Block**
Laying out material—Seating block in vise—Selecting cutting tools—Adjusting shaper—Precautions (20 min—1942—Film Reference—From US Office of Education Film No. 21).
- 30-1493 Prisoner of War for Intelligence**
Reasons for taking prisoners in combat—Valuable information obtained through proper questioning—Clever use of interrogation (27 min—1948—Film Reference).
- 30-1494 Production of Combat Intelligence**
On basis of division mission, G2 directs production of combat intelligence for a division mission—Piecing together fragments of information on makeup of enemy forces—Equipment—Positions—Complete picture for plan of action (17 min—1948—Film Reference).
- 30-1523 Safeguarding Military Information**
Necessity of military and civilian personnel keeping eyes open and mouth shut (16 min—1949).
- 30-1543 The Aggressor Force**
American soldiers, specially trained and equipped, enact part of aggressor (26 min—1950—Film Reference).
- 30-1545 Unit Censorship**
Importance of unit censor's activities in overall military censorship program—Necessity for unit censorship in time of war—Duties and responsibilities of unit censors—Use of *blue* envelope—Procedure for having unofficial film processed (26 min—1949).
- 30-1565 Military Censorship**
Need for censorship in time of war—Case histories—Influence of strict censorship upon successful outcome of mission (20 min—1949).
- 30-1569 Lock Security (U)**
(41 min—1949—Film is classified CONFIDENTIAL.)
- 30-1607 Surveillance (U)**
(35 min—1950—Film is classified CONFIDENTIAL.)
- 30-1645 Investigative Sound Devices (U)**
(30 min—1950—Film is classified CONFIDENTIAL.)
- 30-1651 Informants (U)**
(38 min—1950—Film is classified CONFIDENTIAL.)
- 30-1702 Undercover Operations (U)**
(37 min—1951—Film is classified CONFIDENTIAL.)
- 30-1735 On Post Safety**
Promotion of on-duty accident prevention philosophy—Average accidents analyzed—Common causes of accidents—Individual responsibility (22 min—1952).
- 30-1739 Cryptosecurity (U)**
(18 min—1952—Film Reference—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

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- 30-1751 Investigative Techniques (U)**
(37 min—1952—Film is classified CONFIDENTIAL.)
- 30-1890 Security—Part I—Guarding Against Espionage in Military Installations**
Cardinal rules for good security—Methods used by enemy agents—Danger of lack of alertness—Hazards of amateurs attempting to uncover spies (23 min—1958—Film Reference).
- 30-1891 Security—Part II—Safeguarding Defense Information**
Basic principles of safeguarding classified defense information set forth in AR 380-5 with aim toward developing security consciousness—Security regulations applicable to classified documents, safe combinations, classified waste, and telephone conversations—Clearance and need-to-know requirement—Destruction procedure is shown (19 min—1958—Film Reference).
- 30-1896 Technical Intelligence in Action**
Mission and operations of Army Intelligence is explained—After exhaustive tests of captured enemy materiel, new countermeasures or improved weapons and equipments are developed for our troops (24 min—1954).
- 30-1922 The Soviet Army in the Attack**
A 1943 Soviet training film with English dubbed in shows Soviet military methods, techniques, and tactics—Compares American and Soviet systems—Discusses basic Soviet doctrine of fire and movement in offensive (27 min—1954—Film Reference).
- 30-1923 Counter Intelligence Corps in Combat (U)**
(38 min—1954—Film Reference—Exhibition to personnel, all branches of service on a need-to-know basis ONLY—Film is classified CONFIDENTIAL.)
- 30-1936 Armies of the World—Part II—The Soviet Army in the Defense**
A Soviet training film with dubbed English commentary, explaining Soviet methods, techniques, and tactics employed in the defense—Difference between Soviet and American Systems—Analysis of various phases of the defense (26 min—1955—Film Reference).
- 30-1957 Armies of the World—Part II—Soviet Army—Winter Warfare**
Soviet military offensive tactics used during winter campaigns of World War II—Preparation for march—Camouflage—Security element—Movement of troops—Hauling of equipment—Care and use of weapons—Communications—Combat formations—Night and day operations (23 min—1955—Film Reference).
- 30-1958 Armies of the World—Part II—Soviet Army—Assault on Fortifications**
Soviet training film, with dubbed English commentary, showing various steps employed by the Soviet Army prior to an assault on fortified positions—Encirclement of area—Artillery fire—Activity of engineer teams and shock groups—Use of weapons—Advance of assault troops—Penetration into enemy defenses—Fighting in built-up area—Preparations for counterattack—Consolidation of positions by reserve units (25 min—1955—Film Reference).
- 30-1966 Armies of the World—Part II—The Soviet Soldier**
Characteristics and traits—Fighting capabilities—Comparison with American Army—Military training cycle—Political indoctrination—Uniforms and insignia—Characteristics and application of basic Soviet weapons (29 min—1955—Film Reference).

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30-2555 Transmission Security

Outlines responsibilities of all persons concerned with communications, from writer to recipient—Sources of security leaks—Protective devices for communications security in the field—Fundamentals of transmission are summarized (30 min—1958—Film Reference).

30-2562 Resist

Designed to teach military personnel methods used by enemy to indoctrinate POW's—Ways in which the captured soldier can resist communist collaboration—Don't talk, don't write, don't sign anything and always be alert to take advantage of the chance to escape—Sticking together, trusting, and helping your fellow soldiers (29 min—1959—Film Reference).

30-2601 Electronic Search Recording Techniques (U)

(37 min—1958—This film is classified CONFIDENTIAL.)

30-2972 Strategic Intelligence School—Area Films Studies—Nr. One—Union of Soviet Socialist Republics—USSR

History of USSR from 1917 to present—Progress under present regime—Political, military, technological and economic strategic potential (31 min—1960).

30-2990 Strategic Intelligence School—Area Film Studies Nr. 4—AFRICA

Strategic potential of Africa: the trend toward self-government and economic progress; the challenge of "pan-Africanism" to the free world (28 min—1960).

30-8407 Intelligence In Amphibious Operations (U)

(25 min—1955—Distribution limited to CFLs in CONUS, OS Exchanges and Service Schools of the Combat Arms—Film is classified CONFIDENTIAL.)

31-1175 Field Artillery 105-mm Howitzer Section in Shore-to-shore Operations

Loading from beach to boat and ferrying across water—Methods of lashing howitzer and trucks to decks—Loading ammunition, landing, and getting into action (20 min—1943—Film Reference).

31-1854 Drop Zone

Demonstration of vertical envelopment maneuver—Typical airborne operation characterized by mobility, threat, and surprise—Smooth coordination among services vital to success of operation (17 min—1954).

31-1926 Assembly of an Airborne Unit

Methods for assembling airborne units—Assembly aids used to facilitate assemblies in day and night operations—Various phases of an airborne operation—Reorganization in assembly area and move to objective (18 min—1955—Film Reference).

31-1927 Duties of a Jumpmaster

Attendance at conferences on administrative and tactical details—Inspection of men, equipment, aircraft, loadings and parachutes—Organization of men and equipment—Review of parachute jump—In-flight responsibilities—Jump commands—The jump (33 min—1955—Film Reference).

31-2126 The Airborne Soldier

Basic paratrooper training course at the Airborne School, Fort Benning—Physical fitness and approved jump and landing techniques (33 min—1955—Film Reference).

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- 31-2127 Assembly Problem after 5th Novice Jump**
Prejump briefing—The jump—Dispersal to assembly area—Digging in at sector of fire—Report to instructors—Move to shakeout area (10 min—1956—Film Reference).
- 31-2128 Personnel Parachute Malfunctions and Activation of Reserve Parachute**
How jumper copes with inactivation of main parachute—Inversion of parachute canopy—Blown gore and section—Technique of activating reserve parachute (9 min—1956—Film Reference).
- 31-2129 Personnel Parachute Entanglements and Recovery From Twists**
How entanglements and twists occur—How to avoid them—How jumper recovers from both—Condition for activating reserve parachute (6 min—1956—Film Reference).
- 31-2130 Parachute Landing Falls**
Approved techniques for executing the four parachute landing falls: right, left, front, and rear—Alternate technique for landing in ground winds from 8 to 15 miles per hour (12 min—1956—Film Reference).
- 31-2131 Parachute Training in the 34 Foot Mock Tower**
Action of trainee in tower readying for jump—The jump—Instructor's critique of individual performance—Mass exits from tower (12 min—1956—Film Reference).
- 31-2133 The Swing Landing Trainer**
How trainees practice the four PLF's (parachute landing falls) on the swing landing trainer—Individual performance critiqued by instructor (7 min—1956—Film Reference).
- 31-2134 Parachute Recovery and Shakeout During Novice Training**
Removal of harness after landing—Stowing parachute gear in kit bag—Two-man system of shakeout—Assembly of clean parachute gear for turn-in (8 min—1956—Film Reference).
- 31-2138 Subarctic Winter Bivouacking**
Advanced planning—Security and defense measures—Erection of shelter, water, and cooking facilities—Protection against cold—Proper use of sleeping equipment (30 min—1955—Distribution in CONUS and overseas—Film Reference).
- 31-2216 Wearing Individual Parachute Equipment**
Correct method of donning combat load for jump—Illustrates where each piece of equipment is worn and how it is secured to parachutist's body (5 min—1955—Distribution to Central Film Libraries in CONUS, Fort Bragg, N.C., and Fort Benning, Ga).
- 31-2297 Subarctic Cross-Country Mobility—Part II—Summer Operations**
Nature and character of tundra, muskeg, permafrost and frozen subsoil—How the various areas are traversed by military units (11 min—1956—Distribution to Army and Film Equipment Exchanges in CONUS and overseas—Film Reference).
- 32-3003 Machine Processing—An Aid to Analysis (U)**
(23 min—1960—Film is classified CONFIDENTIAL.)
- 33-2509 Guerrilla Warfare**
Nature and impact of guerrilla forces in past, present, and future—Role in nuclear warfare—Role of U.S. Army Special Forces Operational Teams (22 min—1957—Film Reference).

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33-2581 Leaflet Dissemination

Shows mission of leaflets in their strategic, tactical, and consolidation roles—Production and packaging—Range, capacity, and nature of carriers—Support status of artillery and air force—Fusing, loading, and dissemination of each carrier by both psychological warfare and air force personnel (20 min—1958—Film Reference).

35-1895 On Parade

The story of a WAC corporal who appraises her first year in service and notes the development and improvement of her appearance, conduct, and manner (17 min—1953—Film Reference).

35-2781 Military Lady (WAC)

Role of WAC in the U.S. Army—Emphasis on military career benefits in terms of salary, education, and job opportunities (37 min—1959—Film Reference).

38-2839 Supply Procedures for TOE Organizations and Non-TOE Activities

Duties of Property book officer—How unit obtains expendable and nonexpendable items—Procedure for turning in supplies, property accountability, required inventory and inspection (26 min—1959—Film Reference).

38-2840 Financial Inventory Accounting

Management role of FIA—Authorized report forms, and operating procedures and techniques, how FIA scales the chain of command from post level to DCSLOG, FIA in action (24 min—1960).

38-2841 The Industry Army Quality Assurance Program

Purpose, concepts, benefits, and practical application of quality control of all items purchased by Army—Working agreement between Army and industry (23 min—1960—Color).

38-2864 Defense Procurement—Formal Advertising

Principles, regulations, general requirements, and procedures related to procurement by formal advertising—Preparation, distribution, opening, and evaluation of bids, and award of contract (43 min—1960).

38-2865 Defense Procurement—Competitive Negotiation

Principles, regulations, requirements and provisions related to procurement by negotiation—Processing procurement directive, requirements for proposal, conduct of negotiation, and contract award (40 min—1960).

38-2866 Defense Procurement—Contract Administration

Scope and provision of contract administration in defense procurement—Duties of contracting officer and his staff during preproduction, production, engineering changes, and final price determination stage (26 min—1960).

41-2589 Military Government in an Enemy City—Part I—Initial Entry

Explains objectives and operations of civil affairs military government—Plan for government—Laws of occupation—Survey of damage and needs of people—Requirements for emergency teams and specialist teams—Coordination with civilian counterparts to implement functional responsibilities—Work of public health and safety in preventing disease and starvation (16 min—1958—Film Reference).

41-2590 Military Government in an Enemy City—Part II—Public Safety

Methods and techniques employed by Civil Affairs Military Govern-

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ment Public Safety Team to control civilian population of an occupied enemy city—To prevent sabotage, guerrilla activity, and civilian interference with military operations (17 min—1958—Film Reference).

41-2591 Military Government in an Enemy City—Part III—Public Health

Shows how a Civil Affairs Military Government Public Health Team in an occupied enemy city implements measures to safeguard the health of troops and protect civilian persons (16 min—1958—Film Reference).

41-2592 Military Government in an Enemy City—Part IV—Civilian Evacuation

Methods and techniques used by Civil Affairs Military Government Staffs in effecting a mass evacuation of 40,000 persons from an occupied enemy city within 72 hours (25 min—1958—Film Reference).

44-1347 The 90-mm Antiaircraft Gun on the M2 Mount—Part I—Emplacement

Table model demonstration—Field exercise with crew in action—Gun commander selects site for emplacement—Duties of crew members—Four important steps of emplacement (24 min—1944—Film Reference).

44-1348 The 90-mm Antiaircraft Gun on the M2 Mount—Part II—March Order

The bogie 90-mm antiaircraft guns being readied for march order—Procedure described—Gun crew in action (26 min—1944—Film Reference).

44-1349 The 90-mm Antiaircraft Gun on the M2 Mount—Part III—Hasty Emplacement for Antitank Firing

Elevation, depression, and traverse in preparing gun for quick firing from wheels—Emphasis on speed and accuracy (11 min—1944—Film Reference).

44-1350 The 90-mm Antiaircraft Gun on the M2 Mount—Part IV—Preparation for Firing

Four important checks in preparation for firing—Checking gun, orientation, synchronization, and operation (35 min—1944—Film Reference).

44-1351 The 90-mm Antiaircraft Gun on the M2 Mount—Part V—Inspection of Ammunition and Firing

Operations and duties of the ammunition squad of a guncrew in inspecting and handling propelling charges—Loading, point, and firing—Reloading and firing (23 min—1944—Film Reference).

44-1554 Light AAA with Infantry and Armored Divisions

The primary missions, organization, weapons, and employment of light AAA battalion with infantry and armored divisions under diversified tactical conditions (18 min—1952—Film Reference).

44-1641 Orientation and Synchronization of the AAA Gun Battery—Part I—Basic Principles

Elements of AAA gun battery in relation to each other—Need for accurate orientation and synchronization—Carelessness illustrated—Errors brought out during classroom discussion and review (43 min—1951—Film Reference).

44-1680 Light AAA in Close Fire Support of Infantry

Pictorial record of an attack by an infantry regiment with fire support of light AAA—Each step in the coordinated plan shown (29 min—1953—Film Reference).

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44-1682 Orientation and Synchronization of the SCR-584 and SCR-784 with M9 and M10 Directors

Principles and technique of orienting and synchronizing radar and director in fire-control procedure—Tracker orientation—Selsyn adjustment—Selsyn transformer synchronization—PPI selsyn synchronization—Local and remote indicator synchronization—Range potentiometer test—Synchronization of radar with tracker (26 min—1951).

44-1780 Employment of the AAFCS M33 Fire Control System Trailer

Showing the arrival of the M33 radar trailer at a desert site and the procedure for emplacement of the M33 fire control system (17 min—1952—Film Reference).

44-1781 Emplacement of the AAFCS M33 Acquisition Radar

Showing emplacement of the acquisition antenna assembly by personnel of range platoon, but not showing the actual operation of the acquisition radar system (14 min—1953—Film Reference).

44-1782 March Order of the AAFCS M33 Fire Control System

Showing that the AAFCS is packed in three separate vehicles—Emplacing acquisition antenna assembly and emplacing tracking antenna are two separate actions that can be performed simultaneously (15 min—1953—Film Reference).

44-1783 March Order of AAFCS M33 Acquisition Radar

Illustrating how to perform the march order of the acquisition antenna assembly in two simultaneous steps (16 min—1952—Film Reference)

44-1858 The Computing Sight M19 Series (M19A1 and M38) Nomenclature and Operation

Discussion of the nomenclature and the operation of computing sight M19 series, types M19A1 and M38—Detailed explanation of method of orienting, leveling, and setting the sight at proper super-elevation—Five steps for engaging targets—How to engage targets flying variety of courses, climbing, and diving targets (27 min—1954—Film Reference).

44-1886 Antiaircraft Fire Control System M33—Fire Missions

Action in an AAFCS M33 during a fire mission—Step-by-step breakdown of action showing units of an AAFCS M33 in relation to each other—Operation of panel controls—How target is announced, picked up, tracked by radar, plotted for fire, fired, and downed (17 min—1954—Film Reference).

44-1887 Antiaircraft Fire Control System M33—Orientation and Synchronization

Orientation by known datum-point method and backsighting method—Methods for maintaining proper adjustment of equipment (self-synchronous) (18 min—1954—Film Reference).

44-1888 Antiaircraft Fire Control System M33—Start and Stop Procedure

This equipment locates and tracks aerial targets by radar—Computes and transmits firing data electrically—Separate components—Procedure to energize and deenergize—Three stages of energizing and deenergizing (18 min—1954—Film Reference).

44-1964 Nike I—Introduction to the System

Uncrating and pressure tests—Booster joining—Missile tests—Fuel and oxidizer servicing—Warhead installation—Servicing at launching area for firing (24 min—1954).

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- 44-2139 Nike I, SAM Battalion, Orientation and Synchronization—Part I—
Leveling of the Tracking Radars**
Fine leveling procedure—Determining A and B levels of antenna assembly, how data is recorded and readings computed, and how level checks are made (21 min—1955—Film Reference).
- 44-2140 Nike I, SAM Battalion, Orientation and Synchronization—Part II—
Adjustment of the Optical System**
Emplacement of main and elbow telescopes—Adjustment of telescopes on target—Hairline check—Alignment of antenna and telescope in parallel position (30 min—1955—Film Reference).
- 44-2141 Nike I, SAM Battalion, Orientation and Synchronization—Part III—
Collimation of the Tracking Radars**
How tracking beams are aligned parallel to optical axis in azimuth—How optical axis is adjusted in elevation parallel to electronic axis (29 min—1956—Film Reference).
- 44-2142 Nike I, SAM Battalion, Orientation and Synchronization—Part IV—
Data Transmission Adjustments**
Orienting tracking radars in azimuth and elevation—Orientation checks—Synchronization check of tracking radars (25 min—1956—Film Reference).
- 44-2143 Nike I, SAM Battalion, Orientation and Synchronization—Part
V—Parallax Corrections and Adjustments at the Launching
Positioning Units (U)**
(36 min—1956—Distribution Limited—Film Reference—Film is classified CONFIDENTIAL—Modified Handling Authorized.)
- 44-2144 Nike I, SAM Battalion, Battery Control Area—Part I—Emplacement
and Preparation of the Tracking Radars**
Positioning radars—Preparation for emplacement—Emplacement of lens assembly—Release of RF unit—Cross-leveling radar (16 min—1955—Film Reference).
- 44-2145 Nike I, SAM Battalion, Battery Control Area—Part II—Assembly of
the Radar Collimation Mast**
Installation of rods and plates, base plate assembly, rigid waveguide sections, crossarm assembly, boom assembly, target head assembly and flexible waveguide assembly (30 min—1955—Film Reference).
- 44-2146 Nike I, SAM Battalion, Battery Control Area—Part III—Adjustment
and Erection of the Radar Collimation Mast Assembly**
Adjustment of target head assembly—Erection and final adjustment of collimation mast—Mounting of RF test set—Attachment of flexible waveguide (15 min—1955—Film Reference).
- 44-2147 Nike I, SAM Battalion, Launching Area—Part I—Emplacement of
the Launching Equipment**
Emplacement of control and power cabinets, launcher control trailer, test responder unit, launcher sections, and loading racks (28 min—1955—Film Reference).
- 44-2148 Nike I, SAM Battalion, Launching Area—Part II—Installation and
Checks of Launcher Equipment**
Installation of equipment—Checks on launcher and missile power packs, elevation of launcher erecting arm, electrical lines, and hydraulic system (24 min—1955—Film Reference).

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- 44-2149 Nike I, SAM Battalion, Launching Area—Part III—Reload Procedures and Drill for the Launcher-Loader**
Lowering launcher—Disconnecting electrical connections—Emplacing new missile onto launcher—Securing rails and hydraulic and electrical connections—Elevating launcher and return to revetment (16 min—1956—Film Reference).
- 44-2150 Nike I, SAM Battalion, Preparation of the Missile—Part I—Uncrating, Fin Installation, and Pressure Tests (Revised version)**
Uncrating—Depressurizing container—Removing missile—Tests on propulsion, air line, and hydraulic system—Installation of control, ailerons, and main fins (30 min—1955).
- 44-2151 Nike I, SAM Battalion, Preparation of the Missile—Part II—Missile Tests**
Calibration of RF test set—Testing electrical circuits, command response and burst circuitry—Installing battery and pressurizing guidance section (10 min—1955—Film Reference).
- 44-2152 Nike I, SAM Battalion, Preparation of the Missile—Part III—Booster Uncrating and Joining (Revised version)**
Uncrating and positioning booster on transporting rail—Positioning missile for joining—Joining operation—Installation booster fin (25 min—1955—Film Reference).
- 44-2153 Nike I, SAM Battalion, Preparation of the Missile—Part IV—Fuel Servicing**
Moving missile and fuel servicer into position—Filling measuring can—Adjusting can and fuel temperatures—Fueling with JP-4 fuel—Safety measures (18 min—1955—Film Reference).
- 44-2154 Nike I, SAM Battalion, Preparation of the Missile—Part V—Oxidizer Servicing (Revised version)**
Servicing of missile with red fuming nitric acid oxidizer—Servicing procedure and prescribed safety precautions for personnel and equipment (21 min—1955).
- 44-2157 Nike I, SAM Battalion, Preparation of the Missile—Part VIII—Routine Checks**
Tests on: Dc power of launcher—Missile's battery voltage—Gyro present—Command response for roll, yaw, and pitch—Charge lamp—Air pressure (10 min—1955—Film Reference).
- 44-2161 Nike I, SAM Battalion, Procedures and Drill—Part I—Normal Conditions**
Procedures necessary to engage the enemy—Activities in battery, radar, and launcher control trailers—Preparation and firing of missile (21 min—1956—Film Reference).
- 44-2162 Nike I, SAM Battalion, Procedures and Drill—Part II—Alternate Communication Procedures**
How communication is carried on by radio, field wire, and telephone switchboards when cable systems and/or Launcher Control Trailer are not operable (34 min—1956—Film Reference).
- 44-2163 Nike I, SAM Battalion, Orientation and Synchronization—Part VI—Orientation of the Launcher Rail**
How initial azimuth of launcher is determined and recorded to accomplish orientation (8 min—1956—Film Reference).

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- 44-2164 Nike I, Underground Installation—Part I—Introduction**
Advantages of underground installation—Layout—Automatic and manual operation of elevator and satellite launchers—Safety factors (29 min—1956—Film Reference).
- 44-2165 NIKE I Underground Installation—Part II—Section Drill**
Duties of section crew during the White Alert, Yellow Alert, Blue Alert, and Red Alert—Reload procedures illustrated (33 min—1956—Film Reference).
- 44-2166 NIKE AJAX Battery, Energizing and Deenergizing the Ground-Guidance Equipment—Part I—Acquisition Radar (U)**
(18 min—1957—Film Reference—Film is classified CONFIDENTIAL—Modified Handling Authorized.)
- 44-2167 NIKE AJAX Battery, Energizing and Deenergizing the Ground-Guidance Equipment—Part II—Target Tracking Radar**
Preenergizing checks—Energizing and deenergizing procedure under normal conditions, and deenergizing in an emergency (12 min—1957—Film Reference).
- 44-2168 NIKE AJAX Battery, Energizing and Deenergizing the Ground-Guidance Equipment—Part III—Missile Tracking Radar**
Preenergizing checks—Ventilation and temperature control, energizing and deenergizing during normal operation, and deenergizing in an emergency (11 min—1957—Film Reference).
- 44-2169 NIKE AJAX Battery, Energizing and Deenergizing the Ground-Guidance Equipment—Part IV—Computer**
Preenergizing checks—Ventilation and temperature control—Energizing procedure during normal operation—Deenergizing during normal and emergency operation (8 min—1957—Film Reference).
- 44-2170 NIKE AJAX Battery, The Ground-Guidance Equipment Operation of the Personnel Heating and Ventilating System**
Proper operation and adjustment for the heating, cooling, and ventilating systems of the NIKE AJAX trailers on ac power under normal conditions—During an emergency, the procedures for operating on batteries (9 min—1957—Film Reference).
- 44-2174 NIKE AJAX Multi-Channel Data Recorder—Part I—Operation**
Describes function and operation of recorder—Features and operation of components—Adjustments for operation—Loading, recording, and unloading tape record—Safety measures—Teaching points reviewed (34 min—1958—Film Reference—Film is FOR OFFICIAL USE ONLY).
- 44-2175 NIKE AJAX Multi-Channel Data Recorder—Part II—Tape Analysis (U)**
This film is classified CONFIDENTIAL—Modified Handling Authorized (34 min—1958).
- 44-2246 NIKE I, Missile Tests, Part I—Calibration of the RF Test Set (U)**
(9 min—1956—Distribution primarily to central film and equipment exchanges in CONUS and OS and to film exchanges servicing appropriate service schools—Film Reference—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

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- 44-2247 NIKE I, Missile Tests, Part II, Voltage Receiver Sensitivity, Power and Frequency Checks (U)**
(6 min—1956—Distribution Limited)—Film is classified CONFIDENTIAL-Modified Handling Authorized.
- 44-2248 NIKE I, Missile Tests, Part III—Nonresponse to Adjacent Codes, Pattern Modulation, and Response Time (U)**
(8 min—1956—Distribution to Army Film and Equipment Exchanges in CONUS and OS—Film Reference—Film is classified CONFIDENTIAL-Modified Handling Authorized.)
- 44-2249 NIKE I, Missile Tests, Part IV-A—Measurement of Burst, Fail Safe Time, and Buzz Voltages (U)**
(7 min—1956—Distribution primarily to Central Film and Equipment Exchanges in CONUS and OS and to Film Exchanges servicing appropriate service schools—Film is classified CONFIDENTIAL-Modified Handling Authorized.)
- 44-2250 NIKE I, Missile Tests, Part IV-B—Yaw and Pitch Servo Tests (U)**
(8 min—1956—Distribution to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL-Modified Handling Authorized.)
- 44-2251 NIKE I, Missile Tests, Part V—Roll Servo Operation and Pressure Potentiometer Check (U)**
(8 min—1956—Distribution to Army film and equipment exchanges in CONUS and OS—Film is classified CONFIDENTIAL-Modified Handling Authorized.)
- 44-2252 NIKE I, Missile Tests, Part VI—Precise Command and Internal Operation (U)**
(7 min—1956—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL-Modified Handling Authorized.)
- 44-2255 NIKE I, Sam Battalion, Missile Defueling—Part I—Preparation for Defueling**
Positioning booster trailer—Emplacement of handling dolly—Separating missile from booster—Emplacement and preparation of missile—Removal of booster from area (15 min—1955—Film Reference).
- 44-2256 Nike I, Sam Battalion, Missile Defueling—Part II—Removal of Starting Fluid and Oxidizer**
Positioning and preparing missile for drainage—Removal of starting fluid—Draining of oxidizer—Removal of defueling equipment—Replacement of parts—Safety precautions underscored (30 min—1955—Film Reference).
- 44-2257 Nike I, Sam Battalion, Missile Defueling—Part III—Removal of JP-4**
Positioning and preparing missile for defueling—Defueling—Removal of defueling equipment—Replacement of parts—Returning missile to original form (10 min—1955—Film Reference).
- 44-2340 Introduction to the IFF, Mark X—Identification of Friend or Foe**
(19 min—1957—Limited distribution to Army Film and Equipment Exchanges in CONUS and overseas for loan to need-to-know audiences.)
- 44-2359 The Skysweeper—Orientation and Synchronization Known Datum Point Method**
Collimation—Boresighting—Adjusting azimuth, scanner, computer,

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- periscope range alinement of radar, target selector—Checking transmission (29 min—1956—Film Reference).
- 44-2360 The Skysweeper—Artillery Drill**
Duties of crewmen—Preliminary drills—Loading procedures—Radar operation, visual operation, and firing at surface targets—Stoppages—Unloading procedures (27 min—1958—Film Reference).
- 44-2528 Operation of the Skysweeper Radar**
Features of components—Operating procedures—Energizing—Pre-operative tests—Searching and tracking—Firing—Alternate ranging (36 min—1957—Film Reference).
- 44-2530 Nike—Guardian of the Cities**
Mission of Nike in national defense—Organization of Nike Battery Area; launching and firing of Nike Ajax—Identification and designation of target—Features of Nike Hercules (15 min—1957).
- 44-2544 Effects of Electronic Countermeasures on Air Defense Radars (U)**
Purpose and principles behind radar jamming—How it is caused and recognized—How electronic and nonelectronic jamming appears on radarscopes—Defense against each type (22 min—1958—Film Reference—Film is classified CONFIDENTIAL).
- 44-2545 Nike Ajax Battery—Defense Against Electronic Countermeasures (U)**
This film is classified CONFIDENTIAL—Modified Handling Authorized (27 min—1958).
- 44-2546 AAFCS M33 Defense Against Electronic Countermeasures (U)**
(24 min—1958—Distribution to Central Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)
- 44-2547 Skysweeper Radar System—Defense Against Electronic Countermeasures**
Features of nonelectronic and electronic jamming—Antijamming techniques applicable to each: Window, cw, cw modulated, and noise modulated cw—Describes differentiations between jamming and local interferences (16 min—1958—Film Reference).
- 44-2548 Surveillance Radar System AN/TPS-1D—Defense Against Electronic Countermeasures**
Identification of all forms of nonelectronic (window) and electronic (transmission) jamming—Measures and techniques involved in counteracting each jamming condition—Importance of prompt reporting of jamming (18 min—1958).
- 44-2584 Nike Ajax Battery—Orientation and Synchronization—Part III—A—Collimation of Tracking Antenna by Data Dial Method**
What collimation means to radar—Energizing the radar—Adjusting position of electronic axis—Computing azimuth and elevation adjustment—Adjusting radar equipment and data dial—Leveling telescope mount (25 min—1958).
- 44-2605 Nike Hercules Sam Battery, Orientation and Synchronization—Part I—Leveling**
Purpose and operations involved are reviewed—Adjustments required to accomplish precision leveling of tracking antennas—Adjustment of antenna assembly jacks—Coarse leveling and fine leveling of

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antenna assemblies—Missile is ready for second phase, optical adjustments (20 min—1959—Film Reference).

44-2606 Nike Hercules Sam Battery, Orientation and Synchronization—Part II—Optical Adjustments

Collimating telescope reticle check and telescope perpendicularity check—Viewing telescope check and alignment—Collimating telescope reticle level adjustment and spirit level check and adjustment—Missile is ready for third phase, collimation (25 min—1959—Film Reference).

44-2607 Nike Hercules Sam Battery, Orientation and Synchronization—Part III—Collimation (U)

(17 min—1959—Film Reference—This film is classified CONFIDENTIAL.)

44-2608 Nike Hercules Sam Battery, Orientation and Synchronization—Part IV—Orientation (U)

(22 min—1959—Film Reference—This film is classified CONFIDENTIAL.)

44-2609 Nike Hercules Sam Battery, Orientation and Synchronization—Part V—Parallax Corrections and Launcher Position Unit Adjustments (U)

(17 min—1959—Film Reference—This film is classified CONFIDENTIAL.)

44-2610 Nike Hercules Sam Battalion—Part I—Emplacement of the Monorail Launcher

Preemplacement check—Hoisting, securing and leveling the launcher on the launching pad—Installation and leveling of loading and storage racks (19 min—1959—Film Reference).

44-2611 Nike Hercules Sam Battalion—Part II—Preparation of the Monorail Launcher

Visual and hydraulic preoperational checks—Operational upcycle and downchecks without a round—Shutdown procedure (13 min—1959—Film Reference).

44-2612 Nike Hercules Sam Battalion Reload Procedures

Locking new missile onto rail—Positioning rail on launcher, checks on warhead, power supply, hydraulic pressure gauges, and voltages, plugging in squib cable (15 min—1959—Film Reference).

44-2613 Nike Hercules Sam Battalion, Battery Control Area, Emplacement and March Order of the Nike Hercules Acquisition Radar

Selection of emplacement site, emplacement of components forming barbette, emplacement of antenna, installation of wave guides—March Order reverse of emplacement procedures (38 min—1959—Film Reference).

44-2614 Nike Hercules Sam Battalion, Battery Control Area, Emplacement and March Order of Nike Hercules Track Radar

Installation of antenna leg assembly, reflector assembly, upper radome support arms, antenna, and power cable—Installation and inflation of radome cover (33 min—1959—Film Reference).

44-2615 Nike Hercules Missile—Part IV—Final Preparation of Warhead and Forward Body Sections

Inspection, uncrating and installation of warhead body section; mating warhead body section with missile aft body section; attachment of missile forward body section to warhead section (27 min—1960).

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- 44-2625 Nike Radar Test Set—Part I—Preliminary Adjustments**
Calibration of test set: setting controls, volt, zero, and infinity adjustments; optimum performance check (4 min—1959—Film Reference).
- 44-2626 Nike Radar Test Set—Part II—Measurement and Adjustment of Receiver Frequency and Sensitivity of Tracking Radars**
Adjustment of target oscillator frequency—Measurement of receiver sensitivity in sum, azimuth, and elevation channels (5 min—1959—Film Reference).
- 44-2627 Nike Radar Test Set—Part III—Measurement and Adjustment of Transmitter Frequency and Power of Tracking Radars**
Measuring transmitted power—Determining transmitted frequency of the radar; changing transmitted frequency to a different frequency (3 min—1959—Film Reference).
- 44-2628 Nike System, Automatic Frequency Control Adjustment**
Provision for missile radar AFC adjustment: energizing radar, setting controls and test points, BO and AFC adjustments, adjusting for correct scope signals (8 min—1959—Film Reference).
- 44-2629 Nike Ajax System: Missile Tracking Radar, Range Zero Set and Coding Interval Adjustment**
Range Zero Adjustment: setting radar and range zero controls and range unit dial—Coding interval: setting controls and adjusting coder pulse to correct range (6 min—1959—Film Reference).
- 44-2630 Nike Ajax System: Tracking Radar, Range Unit Zero and Slope Adjustment**
Setting range unit controls and adjusting test amplifier: “Zero,” “Slope,” and “Main Gate” adjustments (4 min—1959—Film Reference).
- 44-2631 Nike System: Orientation and Synchronization Tracking Radar Collimation, Data Dial Method**
Adjusting tracking radar in azimuth and elevation—Adjusting dial readings; locking on test signals; rechecking collimation (6 min—1959—Film Reference).
- 44-2633 Nike Ajax Missile, Using UDMH as Starting Fluid**
Provides for UDMH filling operation on missile: missile check, preparation of starting mixture filling equipment, draining UDMH into missile, decontamination of spillage area (6 min—1959—Film Reference).
- 44-2761 Defense Acquisition Radar Performance Checks**
Features of AN/TPS-1D, AN/TPS-1G, and AN/FPS-36—Procedure and test equipment used in performance checks on AN/TPS-1D; entries on performance data sheet (35 min—1959).
- 44-2782 Nike Ajax Missile Warhead Installation**
Preparation of missile to receive warhead—Installation of rear, center and nose warhead section; installation of explosive harness; testing and installation of arming devices; safety measures (34 min—1960).
- 44-2789 Introduction to the Hawk System (U)**
(22 min—1960—Film Reference—Film is classified CONFIDENTIAL.)

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- 44-2815 Nike Hercules Missile—Part I—Inspection, Uncrating and Initial Assembly**
Preliminary inspection, depressurization, uncrating forward and rear sections of missile, installation of fins, elevons, and electrical connections, and joining of missile body sections (28 min—1959—Film Reference).
- 44-2819 Explanation of Doppler Phenomenon**
Theory and application of Doppler Effect—How it relates to electronic devices, particularly traffic control radar, air defense radar, and missile system (14 min—1959).
- 44-2829 Introduction to Continuous Wave Radar**
Theory and capability of cw and pulse radar—How cw radar functions to detect and gain information on approaching targets—Relaying of Doppler Effect to cw radar operation (16 min—1960).
- 44-2838 The Hawk Battery—Sequence of Engagement (U)**
(Film is classified CONFIDENTIAL—13 min—1959—Film Reference.)
- 44-2858 The AN/MSG-4 Missile Monitor (U)**
(25 min—1960—Film is CONFIDENTIAL.)
- 44-2859 Theory of Moving Target Indicator Operation**
How acquisition radars track stationary targets—How moving target indicator (MTI) tracks moving target signals—Importance of MTI operation in air defense (20 min—1960—Film Reference).
- 44-2860 Nike Hercules Sam Battalion—The Firing Battery in Operation (U)**
(25 min—1960—Film is classified CONFIDENTIAL.)
- 44-2890 The Hawk Battery Launching Platoon—Part I—Launcher Operation**
Emplacement of Launcher—Installation of LCU, field telephone and power cables, energizing provisions, launcher aligned with illuminator, loading of missiles onto launcher, launcher control set for operation (17 min—1960—Film Reference).
- 44-2891 The Hawk Battery Launching Platoon—Part III—Loader Operation**
Capability and operation of Hawk loader—Delivery of loader to battery site—Transfer of three missiles from pallet to loader, and delivery and transfer of missiles onto launcher (14 min—1960—Film Reference).
- 44-2940 Nike Ajax Battery, Alert Status Checks and Adjustments—The Computer (U)**
(14 min—1960—Film is CONFIDENTIAL.)
- 44-2941 Nike Ajax Battery, Alert Status Checks and Adjustments—The Tracking Radars**
Energizing the radar—Alert status checks—Angle sensitivity, noise balance, range zero, and synchronizing command system (20 min—1960—Film Reference).
- 44-2947 Nike Hercules Radar Test Set—Part I—Preliminary Procedure**
Preliminary calibration of test set: energizing the test set; adjustment of controls on power meter associated with calibration of the power supply (3 min—1960—Film Reference).
- 44-2948 Nike Hercules Radar Test Set—Part II—Measurement and Adjustment of Transmitter Frequency (U)**
(5 min—1960—Film is classified CONFIDENTIAL.)

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- 44-2949 Nike Hercules Radar Test Set—Part III—Measurement and Adjustment of Oscillator Power and Frequency**
Calibration of rf power db meter, adjustment of measure frequency counter, calibration of power output of missile oscillator, final setting of switches (7 min—1960)
- 44-2950 Nike Hercules Acquisition Radar—Removal and Replacement of Magnetron**
Removal of hotbox from rf power control panel, connections, and magnetron—Replacement of magnetron, connections, hotbox, and access covers to transmitter-receiver group (7 min—1960—Film Reference).
- 44-2951 Nike Hercules Acquisition Radar—Removal and Replacement of Traveling Wave Tube and Noise Generators**
Removal and reentry of wave tube into magnetic housing—Removal and replacement of noise generator tubes—Closing of access door to receiver-transmitter group (7 min—1960—Film Reference).
- 44-2952 Nike Hercules Missile Tracking Radar—Range Zero and Coding Interval Adjustment (U)**
(9 min—1960—This film is CONFIDENTIAL—Film Reference.)
- 44-2953 Nike Hercules Tracking Radars—Range Gate Adjustments (U)**
(6 min—1960—Film Reference—This film is CONFIDENTIAL.)
- 44-2954 Nike Hercules Tracking Radars—Beacon Track Automatic Frequency Control, Checks and Adjustments (U)**
(6 min—1960—Film Reference—This film is CONFIDENTIAL.)
- 44-2955 Nike Hercules Tracking Radars—Transmitter Checks and Adjustments (U)**
(7 min—1960—Film Reference—This film is CONFIDENTIAL).
- 44-2956 Nike Hercules Tracking Radars—Range Modulator Balance Adjustments**
Energizing the radar—Adjustment of switches, knobs, dials and meters in proper sequence—Adjustment of range balance and transmitter balance variable resistors (5 min—1960—Film Reference).
- 44-2957 Nike Hercules Tracking Radars—Automatic Gain Control, Checks, and Adjustments**
Energizing the radar—Adjustment of switches, dials, meters, knobs, and indicators in proper sequence—Adjustment of signal on range scope (5 min—1960—Film Reference).
- 44-2958 Nike Hercules Tracking Radars—Receiver Sensitivity Checks (U)**
(11 min—1960—Film Reference—Film is CONFIDENTIAL.)
- 44-2959 Nike Hercules Tracking Radars, Angle Modulator Amplifier Balance and Error Pulse Converter, Checks and Adjustments**
Energizing the radar—Adjusting the azimuth and elevation balance variable resistors, drift check, final setting of azimuth and elevation switches (5 min—1960—Film Reference).
- 44-2960 Nike Hercules Tracking Radars—Angle Sensitivity, Checks and Adjustments (U)**
(5 min—1960—Film Reference—This film is CONFIDENTIAL.)
- 44-2961 Nike Hercules Tracking Radars—Range Calibrate, Checks and Adjustments (U)**
(4 min—1960—Film Reference—Film is CONFIDENTIAL.)

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TF No.

- 44-2962 Nike Hercules Target Tracking Radar—Range Zero Checks (U)**
(5 min—1960—This film is CONFIDENTIAL.)
- 44-2963 Nike Ajax Radar Test Set—Part IV—Angle Sensitivity and Range Rate, Checks and Adjustments (U)**
(6 min—1960—Film is classified CONFIDENTIAL.)
- 44-2975 Nike Hercules Sam Battalion Battery Control Area, Alert Status System Checks and Adjustments—Part I—Director Station (U)**
(22 min—1960—This film is CONFIDENTIAL.)
- 44-2976 Nike Hercules Sam Battalion Battery Control Area, Alert Status System Checks and Adjustments—Part II—Tracking Station (U)**
(21 min—1960—Film is classified CONFIDENTIAL.)
- 46-2209 Basic Helicopter Flight Principles**
Helicopter flight elements—Action of rotor blades—Gyroscopic precession laws—Torque (15 min—1956).
- 46-2210 Advanced Helicopter Flight Principles—Part I**
Characteristics and movements of the rotor blades at various speeds and in fully articulated and semirigid types of rotor heads—Use of stabilizing and dampening devices (10 min—1956).
- 46-2211 Advanced Helicopter Flight Principles—Part II**
Movements of air in relation to helicopter rotor systems—Effects of air movements on flight—Airflow patterns from takeoff through flight, glide and landing (11 min—1956).
- 46-2336 Helicopter Post Flight Inspection—The H-19**
Cockpit inspection with power off and power on—Aircraft interior and exterior inspection—Upper deck inspection—Use of standard forms (26 min—1957—Film Reference).
- 46-2337 Helicopter Post Flight Inspection—The H-21**
Standard procedures of interior and exterior phases of inspection—Duties of each man of four-man inspection team—Use of inspection work sheets (27 min—1956).
- 46-2338 Helicopter Post Flight Inspection—The H-34**
Procedures and sequence of interior and exterior phases of inspection—Duties of each man on inspection team—Use of worksheets and DD Form 781-1 (26 min—1957—Film Reference).
- 46-2339 Helicopter Weight and Balance**
Calculation of center of gravity limits, and weight and balance requirement—Problems of balance during flight, and litter loading and lateral balance—Use of ballast (25 min—1957—Film Reference).
- 46-2381 Basic Helicopter Flight Training—Part I—Pilot's Pre-Flight Inspection**
Features and components of H-13E—Checks on exterior and interior, controls, instruments, engine and rotors, starting and warmup, use of inspection forms (27 min—1957—Film Reference).
- 46-2382 Primary Helicopter Flight Training—Part II—Primary Flight Maneuvers**
Taxiing, takeoff to hover, hovering flight, hovering autorotations, normal takeoff and approach, no-flare autorotation, and shutdown of H-13 (22 min—1957—Film Reference).

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TF No.

- 46-2418 Intermediate Helicopter Flight Training—Part I—Takeoff and Flight Procedures**
Crabbing, slipping, crosswind takeoff, maximum performance takeoff, running takeoff, and rapid deceleration maneuver (17 min—1957—Film Reference).
- 46-2419 Intermediate Helicopter Flight Training—Part II—Autorotations**
Hovering, no-flare autorotations, power recoveries, autorotation turns, flare autorotation, and autorotation with an antitorque failure (12 min—1957—Film Reference).
- 46-2420 Intermediate Helicopter Flight Training—Part III—Approach Procedures**
Normal approach, crosswind approach, crabbing, slipping and hovering—Steep approach, shallow approach, and running landing techniques (8 min—1957—Film Reference).
- 46-2421 Advanced Helicopter Flight Training—Part I—Confined Area Operations**
Landing and takeoff with relation to wind and turbulence, high and low reconnaissance, ground reconnaissance, pinnacle operation, contour approach, and load and slope operation (27 min—1957—Film Reference).
- 46-2422 Advanced Helicopter Flight Training—Part II—Emergencies and Critical Conditions**
How to handle engine and antitorque failure, ditching, fire, excessive forward and aft CG, carburetor icing, flight and landing with heavy loads, etc. (17 min—1957—Film Reference).
- 46-2423 Transitional Helicopter Flight Training—Part I—Transition to the H-19**
Feature of the H-19—Preflight inspection—Cockpit inspection—Pretakeoff check—Taxiing—Normal takeoff—Takeoff to hover—Hovering—Autorotations—Normal and steep approach—Engine shutdown (26 min—1957—Film Reference).
- 46-2554 Helicopter Orientation—Introduction to Helicopters**
General introduction to rotary wing flight—Historical development from fifteenth century—Types of helicopters used by military service today—Basic helicopter flight principles—Civil and military uses (20 min—1958—Film Reference).
- 46-2665 H-34 (CHOCTAW) Flight Maneuvers—Part I—Basic**
Procedures for taxiing and hovering—Making turns—Takeoffs from a hover, normal, running, maximum performance—Takeoffs with internal load and with sling load (22 min—1959—Film Reference).
- 46-2666 H-34 (CHOCTAW) Flight Maneuvers—Part II—Intermediate**
Teaches the student pilot to fly H-34 after it is airborne—Techniques for straight and level flight, flying in crosswind, normal cruising speed, climbing and descending turns, basic and flare autorotations—Deceleration in flight—Normal, steep, and shallow approaches—Running landings (31 min—1959—Film Reference).
- 46-2667 H-34 (CHOCTAW) Flight Maneuvers—Part III—Advanced**
Confined-area maneuver—Maximum and modified maximum takeoff over barrier—Pinnacle landing and takeoff in mountain terrain—Landing and takeoff on slopes (24 min—1959—Film Reference).

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TF No.

46-2669 Helicopter Basic Instrument Flight—Part I

Preflight instrument check—Various instrument flight maneuvers—How instrument readings relate to helicopter attitude—Checks for flight safety (22 min—1959).

46-2670 Helicopter Aerodynamics—Rotor Blade Angles

Basic concepts—Factors which produce lift, and how lift depends primarily on angle attack—Comparison between angle of incident and angle of attack—How changes in the angle produce changes in altitude and direction of flight (12 min—1959—Film Reference).

46-2671 Helicopter Aerodynamics—Part I—Dissymmetry of Lift

Defines dissymmetry of lift—How it is caused and how it affects helicopter flight, how it is overcome by flapping, use of cyclic control, and by changing angle of attack of the blades (9 min—1959—Film Reference).

46-2672 Helicopter Aerodynamics—Part II—Rotor Blade Actions

Discusses the four characteristic actions of rotor blades—Rotation as basic action that produces lift—Feathering provides vertical and horizontal control—Flapping prevents dissymmetry of lift—Hunting prevents recurrent stresses during directional flight (13 min—1959—Film Reference).

46-2673 Helicopter Aerodynamics—The Stabilizer Bar

Explains why stability is difficult to achieve in the helicopter—How gyroscopic properties of bar prevent disturbances in operation—Effect of rigidity in space on rotor and fuselage—Function of damper assembly (11 min—1959—Film Reference).

46-2674 Helicopter Aerodynamics—Part III—Rotor Blade Stalls

Various types of stalls—Conditions and situations that cause them, their effects, and what can be done to avoid or recover from each type—Settling with power, rough handling, and retreating blade tip stalls (15 min—1959—Film Reference).

46-2818 H-13 (Sioux) Flight Control Linkage

Features and operation of collective pitch, cyclic pitch, and anti-torque controls—Application of these controls to their linkage systems and rotary wing flight (25 min—1959—Film Reference).

46-2821 Crosswind Technique for a Conventional Geared Fixed Wing Aircraft

Taxiing on ground—Turning and taxiing into quartering head and tailwinds—Takeoff, banking, crabbing and climb-out—Descent, approach and touchdown (25 min—1960—Film Reference).

46-2842 Helicopter Basic Instrument Flight—Part II

Instruments and technique used in climbs and descents, autorotations, power recovery, and ground control approach (GCA) to an airfield (21 min—1960—Film Reference).

46-2847 Short Field Procedure L-19 (BIRD DOG)—Part I—Power Approach and Maximum Performance Take-Off

Start and control of power approach—Effects of wind and temperature—Landing technique—Preparation—Start and climb in effecting maximum performance takeoff (16 min—1960—Film Reference).

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TF No.

- 46-2848 Short Field Procedure L-19 (BIRD DOG)—Part II—Barrier Landing and Barrier Take-Off**
Directional connection, power approach and line of descent in barrier landing—Maximum performance takeoff and climb, and normal climb in barrier takeoff (10 min—1960—Film Reference).
- 46-2849 Short Field Procedure L-19 (Bird Dog)—Part III—Short Field and Road Strip Operation**
Air reconnaissance, parking and landing on field strip, ground reconnaissance, and takeoff—Selecting and evaluating road sites, power approach, and maximum performance takeoff (19 min—1960—Film Reference).
- 46-2869 Introduction to Army Aviation**
Tactical role, capabilities, and facilities of army aviation—Features and capabilities of the various fixed and rotary wing aircraft in use—Facilities and training provided at the Army aviation center (21 min—1960).
- 46-2870 Reconnaissance, Selection, Occupation of Aviation Company Airfields**
Missions of company components—Types of airfields used in combat—Displacement of base airfield—Choice, preparation, movements, and occupation of new airfield in combat (26 min—1960—Film Reference).
- 46-2985 Army Aircraft Gas Turbine Engine Operation—Part I—Principles of Operation**
Features and functions of basic components of turbines—How components operate as the air and fuel flow pass through the engine (13 min—1960—Film Reference).
- 46-2986 Army Aircraft Gas Turbine Engine Operation—Part II—Controls and Instrumentation**
Features and function of gas compressor tachometer, exhaust gas temperature indicator, torque meter, fuel supply controls, and engine controls (14 min—1960—Film Reference).
- 46-2987 Army Aircraft Gas Turbine Engine Operation—Part III—Construction and Operation of the T-53**
Use and capabilities of turbines—Construction, function, and operation of the four component sections of the T-53 engine, and the four major accessory systems—Sequence of operation of T-53 (15 min—1960—Film Reference).
- 46-2997 Helicopter Flight With External Loads**
Types of sling loads and carrying capacity of various helicopters—Packing and pickup provisions, In-flight provisions, Dropoff provisions, stowing of sling and hook (21 min—1960).
- 55-1005 Military Stevedoring—Part II—Cargo Handling Gear, Basic Operation**
Three basic movements of unloading: vertical upward, horizontal, and vertical downward—Operation of winches in loading and unloading cargo—Topping the boom (15 min—1943—Film Reference).
- 55-1093 Military Stevedoring—Part III—Winches and Booms**
Construction and operation of a winch—Hand motions for directing winch operators in loading and unloading cargo (18 min—1943—Film Reference).

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TF No.

- 55-1117 Military Stevedoring—Part IV—Drafts and Slings**
Use of material-handling equipment—Advantages of each type of sling—Use of correct sling for safe handling and storage of cargo (16 min—1943—Film Reference).
- 55-1118 Military Stevedoring—Part V—Straps and (Transportation) Bridles**
Use of straps and bridles—Correct method of attaching to various types of draughts—Method of handling draughts in a vertical position—Use of dunnage (14 min—1943—Film Reference).
- 55-1119 Military Stevedoring—Part VI—Vehicle Loading and Stowing**
Loading jeeps, trucks, tanks, and locomotives aboard ship—Demonstrating the use of nets, straps, and dunnage for lifting—Use of soap, grease, and blocks to stow the vehicle (16 min—1943—Film Reference).
- 55-1478 Driving the Semitrailer**
Checking procedure by driver before starting on a run—Safety—Protection of equipment—Backing the trailer up to a platform for loading and unloading (19 min—1948—Film Reference).
- 55-1551 Stevedoring—Part VIII—Expedients**
Expedients to be resorted to in cases where repair facilities or replacement parts are not immediately available—Dead winches—Damaged cargo booms and hatches—Using handling equipment of vessels when alongside pier (14 min—1952—Film Reference).
- 55-1731 Railroad Safety**
Safety in all phases of railroad work—Pointers for the train crew, right-of-way maintenance crews, and in maintenance and repair shops (34 min—1952—Film Reference).
- 55-1744 Stevedoring—Part VII—Heavy Lifts**
Problems and proper techniques of handling military cargo of 5 tons and over—Rigging and operating jumbo booms—Slinging, lifting, steadying, lowering, bracing, and lashing heavy equipment—Equipment, crew, planning, safety precautions (21 min—1952—Film Reference).
- 55-1758 Beach and Port Clearance by Highway Transport**
Planning and executing typical beach traffic circulation plan—Loading and dispatching supplies—Port clearance—Equipment and methods for handling and dispatching cargo and troops (17 min—1954—Film Reference).
- 55-1812 Introduction to the Electric Winch**
Illustrates major component parts of winch—Techniques employed in operation—Safety measures employed during operation (7 min—1953).
- 55-1918 Loads and Loading of General Transport Vehicles**
Characteristics of the five types of military cargo transported via vehicle—Prescribed loading procedures for each—Emphasis on maximum authorized load, proper vehicle for given load, and safety precautions (18 min—1955).
- 55-2183 Why Battery Should Always Be Clean**
Battery maintenance procedure to insure cleanliness and prevent engine failure caused by dirty batteries (6 min—1955—Film Reference).

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TF No.

55-2184 Why Engines are Governed

How governor on engine limits speed of engine at the point where it develops maximum horsepower—Relationship between horsepower and speed (5 min—1955—Film Reference).

55-2296 Subarctic Inland Waterways Navigation

Journey to carry out a combat mission defining arctic river characteristics, handling river craft, and safety factors (24 min—1956—Film Reference).

55-2308 Helicopter Maintenance—Part I—Helicopter Powerplants

Features, operation, installation, and maintenance of the six types of powerplants used in helicopters—0335, R-975, R-1340, R-1820, and R-2800 engines (13 min—1957—Film Reference).

55-2309 Helicopter Maintenance—Part II—Transmissions and Free Wheeling Units

Features and operation of transmissions in H-13, H-19, H-21, and H-23—Features and operation of free-wheeling units in H-13, H-19, H-21, H-23, and H-25 (16 min—1957—Film Reference).

55-2310 Helicopter Maintenance—Part III—Introduction to Power Trains

Function, major components, and operation of single rotor type power train in the H-19 and tandem rotor type found in the H-21 (15 min—1957—Film Reference).

55-2311 Helicopter Maintenance—Part IV—Supercharged Induction System

Describes fundamentals of engine operation under normal conditions—Function, design, and operations of supercharger in sea level and altitude engines—Test procedure for checking engine superchargers (16 min—1958—Film Reference).

55-2312 Helicopter Maintenance—Part V—Rotor Blade Inspection, Repair, and Tracking (H-19, H-34, H-37)

Covers main rotor and tail rotor blade cleaning and inspections—Types of blade damage—Limits of repair—Repairs and replacements—Blade tracking (33 min—1958—Film Reference).

55-2314 Helicopter Maintenance—Part VII—Hydraulic Flight Control Systems

Function and operation of each hydraulic component in the H-21—Variations in the H-19 and H-25 Models—Maintenance instructions (15 min—1957—Film Reference).

55-2316 Helicopter Maintenance—Part IX—Generator Systems Trouble Shooting

Operation of generator systems—Common causes of malfunctions—Test meter readings symptomatic of each trouble spot—Test Procedure—Use of Technical Order—Trouble spots traced and analyzed (22 min—1958—Film Reference).

55-2341 Characteristics and Check of Diving Helmet Valves and Attachments

Checks and adjustment of exhaust valve, nonreturn valve, and air control valve of the Mark V Standard Diving Helmet (4 min—1957—Film Reference).

55-2342 Dressing the Diver

Duties of diver's helpers—Laying out gear, helping diver into dress, securing gear, valves, and attachments, attaching air hose and life line (6 min—1957—Film Reference).

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55-2343 Assisting the Diver

Duties of diver's attendants before and during descent, when diver reaches bottom, and during and after ascent (6 min—1957—Film Reference).

55-2344 Diving Dress Patches

Step-by-step procedures for patching a tear in the diving dress, and attaching cuffs to the sleeves (6 min—1957—Film Reference).

55-2345 Diving Procedure

Entrance into water, descending technique, coping with danger signs, checks, and adjustment of equipment, moving and working on hard bottom, and searching technique (6 min—1957—Film Reference).

55-2348 The Motor Vehicle Driver—Traction Aids and the Winch

Methods and expedients to obtain traction in driving across sandy and muddy terrain—Use of winch to extricate trucks mired in mud (29 min—1957—Film Reference).

55-2364 Nomenclature of the Sextant

Components: frame, limb, index arm, index mark, micrometer drum, vernier, endless tangent screw, index mirror, horizon glass, and telescope—Correct manner of handling the instrument (4 min—1957—Film Reference).

55-2365 Sextant Adjustment

Steps for making the four necessary adjustments to assure accurate reading of the instrument (8 min—1957—Film Reference).

55-2366 Use of Loran

How Loran is operated to obtain time difference readings—How reading is used to plot ship position on the Loran chart (7 min—1956—Film Reference).

55-2367 Use of Radio Direction Finder

Operation of radio direction finder (RDF) to determine ship position between two locations—Determining kilocycle operation and true bearings of locations—Adjusting controls (6 min—1956—Film Reference).

55-2368 Injector Timing for GM Diesel, Series 71, Using 70-mm, 80-mm, and 90-mm Injectors

Conditions that necessitate injector timing—Timing procedure, with particular attention given to proper use of timing tool J-1853—Adjustment of rocker arm assembly and injector timing (5 min—1956—Film Reference).

55-2369 Injector Rack Setting for GM Diesel Series 71 Engine

Procedure to insure adequate fuel for each cylinder—Adjusting buffer screw, placing injector on rack and adjusting, securing locking screws (4 min—1956—Film Reference).

55-2370 Use of Marlinspike

How it is used to splice wire rope—How it is held during splicing—How it is inserted and twisted to open each strand of wire—Safety precautions (3 min—1956—Film Reference).

55-2503 Ground Handling of Aircraft—Part I—Fixed Wing Aircraft

Manhandling, servicing, taxiing, and mooring, using the L-19 and L-23 for demonstration—Includes high-wind procedure and safety precautions (23 min—1957—Film Reference).

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TF No.

55-2505 Ground Handling of Aircraft—Part II—Rotary Wing Aircraft

Procedures for manhandling, servicing, towing, mooring, high-wind procedure, safety precautions, and hand signals to direct movement (21 min—1957—Film Reference).

55-2556 Cleaning and Testing the K Brake (Railway)

Removal from freight car truck—Disassembly, servicing, cleaning, drying, reassembly of parts—Testing in accordance with approved code tests (8 min—1958—Film Reference—Distribution to Central Film and Equipment Exchanges in CONUS and OS).

55-2557 Automotive Preventive Maintenance, After Operation

Checks are made on fuel, oil, and coolant—Cleaning vehicle—Checks for damage and leaks—Inspection of tires and safety devices—Checks springs, tarpaulins, and vehicle tools (7 min—1958—Film Reference).

55-2558 Automotive Preventive Maintenance, Before the Operation

Checks are made by driver for damage or pilferage, leaks, fuel, oil, coolant levels, proper tire pressure, engine operation, instruments, safety devices, vehicle tools, and required vehicle publications (7 min—1958—Film Reference).

55-2559 Automotive Preventive Maintenance—During the Operation and at the Halt

During operation, the operator checks the functioning of the brake, steering wheel, and instrument panel—At halt, the operator checks his vehicle to determine and correct deficiencies, giving attention to fuel, tires, and engine—Tarpaulin and cargo are checked (6 min—1958—Film Reference).

55-2560 Operation of the GM Unit Injectors

Construction and operation of unit—Functions, location, and operation of main working parts—Flow of fuel through unit to engine—Stress on cleanliness and proper maintenance (4 min—1958—Film Reference).

55-2573 Rigging of the Flaps, L-23 Aircraft

Location and type of flaps on L-23—Use of external power unit for rigging—Method of actuating flaps—Means of establishing and maintaining proper flap settings—Flap operation check (5 min—1958—Film Reference).

55-2574 Installation of the L-23 Main Landing Gear

Jacking aircraft—Cleaning, lubricating, and aligning parts—Installation of bolts and cotter pins—Securing wiring, safety switch box, brake line hose and fittings—Inspection of brake lines—Retraction test—Recheck of safety switch box adjustment (4 min—1958—Film Reference).

55-2575 Removal of the L-23 Main Landing Gear

Jacking the aircraft—disconnecting brake lines—Draining and storing hydraulic fluid—Removing safety switch block and main landing gear—Precautions are stressed for safety and cleanliness (5 min—1958—Film Reference).

55-2576 Installation of the L-23 Outer Wing Panel

Inspection of fittings, tubings, and buckles—Positioning wing panel—Installing washers, electric wiring, fuel lines, cables, augmentor tube—

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Checking lights—Use of Dash 2 Maintenance Handbook (4 min—1958—Film Reference).

55-2577 Removal of the L-23 Outer Wing Panel

Construction of the L-23 wing—Draining fuel tanks—Disconnecting cables, fuel line, wiring, drive shaft, fuel and deicer tubes—Removing junction box and wing bolts—Removing and placing panel—Tagging parts for identification (5 min—1958—Film Reference).

55-2578 Removal of the L-23 Nose Landing Gear

Jacking the aircraft—Removing fuselage nose comb—Disconnecting drag brace, nosewheel steering link, and pivot bolt—Removing nose gear—Stress on safety measures (4 min—1958—Film Reference).

55-2585 DUKW Operations—Part I—Land and Water Driving Procedures

Describes the features and employment of DUKW over land and water—Capabilities and driving techniques on hard surface roads and sandy areas—Procedures used for amphibious transportation—Inspections and preparations prior to entering water or surf—Water driving—Mooring at shipside—Leaving surf and emerging onto land (25 min—1958—Film Reference).

55-2721 LCM-8 Refueling at Sea

Five angles of approach depending on wind direction and velocity: approach in calm water, wind from starboard side, wind from bow, wind from stern, and wind from portside—Safety precautions while approaching tanker and during refueling operations (17 min—1959—Film Reference).

55-2722 DUKW Operations—Part II—Loading and Unloading at Sea from an LST

Loading procedure covers preparation of the vehicle, approach and boarding maneuver, positioning and securing vehicle aboard—Adjustment, inspection, and maintenance of vehicle after loading—Unloading procedure is reverse of loading—Removal of lashing chains, inspection and preparation for launching, descending from main and tank decks, and launching into water (13 min—1959—Film Reference).

55-2773 Command Maintenance Inspection Procedures

Organization and action of Command Inspection Team—Inspection of a unit's aircraft, maintenance and supply records and storage facilities—Report of faulty mechanism and administrative conditions (23 min—1959—Film Reference).

55-2786 Army Aircraft—Methods of Detecting Flaws in Aircraft Parts

Theory and application of dye-penetrant inspection used with non-ferrous, nonmagnetic items; and magnetic particle inspection used with ferrous-type metals (27 min—1959—Film Reference).

55-2787 Ignition Analyzer Utilization for Army Aircraft Engines

Features and use of equipment to determine ignition trouble in army aircraft engines—Portable airborne installation—H-21—Portable installation—H-19—Identification of malfunctions (24 min—1959—Film Reference).

55-2822 Twin Diesel Propulsion Units, Models M-12005A and M-12006B, Synchronization

Features and function of equipment—Engine tuneup provisions—Adjustments and checks at idle speed, half speed, and full speed (8 min—1959—Film Reference).

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TF No.

55-2823 Twin Diesel Propulsion Units, Models M-12005A and M-12006B, Lubrication System

Features, components and operation of lubrication system on each engine, and operation of separate lubrication system for hydraulic clutches and gears (8 min—1959—Film Reference).

100-1726 Mission of the Army

Functions of the various arms and services—Emphasizing combat activities and teamwork (22 min—1953).

629-1027 Hand-to-Hand Combat

Different basic handholds, locks, leverages, and how to break them—Locks chancery against frontal attacks and defense against clubs and knives—Prisoner control tactics, searching prisoners, disarming assailants with bayoneted rifles (48 min—1943—Film Reference—From Navy Film MN 1027).

61. World Affairs Films (WA)

These films deal with significant world problems, featuring prominent military and civilian guest speakers who are specialists in the subjects under discussion. World Affairs (WA) Films will replace Officers' Conference (OC) Films.

WA No.

1 Can the U.N. Maintain the Peace?

Dr. Ralph J. Bunche discusses the vital question with students from the National War College (29 min—1957).

2 World Affairs—The Wounded Bear Theory With Daniel L. Schorr

Mr. Daniel L. Schorr, American correspondent for CBS in Moscow, explains the Soviet attitude with regard to her domestic and foreign policy (40 min—1957).

3 World Affairs—The Peaceful Atom

Admiral Lewis L. Straus explains the AEC emphasis on peaceful applications of nuclear energy for national and world welfare (51 min—1957).

4 World Affairs—How Healthy is NATO?

General Alfred M. Gruenther discusses the political and military strength of NATO with members of the National War College (39 min—1957).

5 World Affairs—The Middle East Problem With Dr. Charles Malik

Dr. Malik defines the Role of Lebanon in the Middle East, and comments on President Eisenhower's new Middle East Policy (46 min—1957).

6 The Vice President of the United States—America's World Responsibilities

Vice President Nixon discusses America's role as a world leader—Diplomatic relations with Soviet Union—U.S. policy toward allies and neutrals—Problems of disarmament and defense—How large a defense budget American people should support (43 min—1958).

7 American Economy, The

Dr. Gabriel Hauge, Special Assistant to President Eisenhower for Economic Affairs, reviews various facets of the nation's economy in terms of domestic and international significance—Optimistic observations of the current economic status are expressed (38 min—1958)

8 Communist Propaganda

Mr. George V. Allen, Director of U.S. Information Agency, discusses the ways and means the Soviet Union disseminates communist propaganda—

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WA No.

Need for coping with communistic propaganda intelligently—Recognize propaganda—Implement more counterpropaganda—Deprive the communists of fertile ground in which to plant seeds of propaganda—Government policy abroad and individual conduct (41 min—1958).

9 The Mission of the Joint Chiefs of Staff

The mission of the Joint Chiefs of Staff is discussed by General Nathan F. Twining, Chairman of JCS, with Messrs. E. K. Lindley of Newsweek and H. Baldwin, New York Times (25 min—1959).

10 World Affairs—Africa

Assistant Secretary of State for African Affairs, Joseph C. Satterthwaite, appraises the goals, accomplishments, and problems of New Africa (35 min—1960).

62. Filmstrips (FS)

Film strips (FS) are used for training and contain approved Department of the Army doctrine. Like training films, they deal with specific topics and are intended for use at a definite time and place in the training program.

FS No.

- 2-21 Combat Methods of Small Units—The Squad Acting Alone**
(1943).
- 2-23 Simple Land Navigation for Combat Vehicles**
(1943—Film Reference).
- 2-26 Employment of Small Automatic Weapons**
(1943—Film Reference).
- 3-32 Identification of Chemical Munitions**
(1945—Color).
- 4-15 Fire Control and Position Finding, Antiaircraft Artillery—Part I—Elements of Data**
(1942—Film Reference).
- 4-16 Antiaircraft Guns and Accessories—Part II—90-mm Antiaircraft Gun—Section I—Main Elements Except Breech Mechanism and Related Parts**
(1942—Film References).
- 4-37 Orientation—Part V—Azimuth Determination—Approximate Methods—Elementary Astronomy**
(1943).
- 4-67 Direct Fire Sights for Antiaircraft Guns—Part I—Theory of Leads**
(1943).
- 4-110 Direct Fire Sights for Antiaircraft Guns—Part II—Description and Nomenclature**
(1943).
- 4-113 Direct Fire Sights for Antiaircraft Guns—Part III—Aiming and Orientation**
(1944).
- 4-140 Direct Fire Control for Automatic Weapons Part III—Tracer Observation**
(1943).

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- 4-141 **Antiaircraft Artillery Guns and Accessories—Part III—90-mm AA Gun on M2 Mount**
(1943).
- 4-144 **Antiaircraft Artillery Guns and Accessories—Part V—The 90-mm AA Gun on the M2 Mount**
(1943).
- 4-149 **Antiaircraft Artillery Ammunition—Part I—General Handling and Cal. .50 Ammunition**
(1943).
- 4-153 **Antiaircraft Artillery Multiple Gun Mounts—Part III—The Multiple Cal. .50 Machine Gun Mount M45—General Description**
(1943).
- 4-154 **Antiaircraft Artillery Multiple Gun Mounts—Part IV—The Multiple Cal. .50 Machine Gun Mount M45—Assembly and Operation**
(1944).
- 4-157 **Harbor Defense Searchlights and Power Plants—Part V—Fixed Searchlights—Section I—Nomenclature and Function**
(1943).
- 4-158 **Harbor Defense Searchlights and Power Plants—Part V—Fixed Searchlights—Section II—Care and Maintenance**
(1943).
- 4-160 **Antiaircraft Artillery Guns and Accessories—Part IV—The 90-mm AA Gun on the M2 Mount—Leveling Mechanism**
(1943).
- 4-175 **Barrage Balloon Lethal Devices—Part III—Double Parachute Arming for VLA Balloons**
(1944).
- 4-200 **Field Fortifications for Antiaircraft Artillery—Part I—Basic Principles**
(1944).
- 4-201 **Field Fortifications for Antiaircraft Artillery—Part II—Automatic Weapons**
(1944).
- 4-202 **Field Fortifications for Antiaircraft Artillery—Part III—Guns**
(1944).
- 4-204 **Antiaircraft Artillery Ammunition—Part III—Ammunition for AA Guns**
(1944).
- 4-251 **Antiaircraft Artillery Fire Control and Position Finding—Part XI—Parallax Corrections**
(1944).
- 4-255 **Direct Fire Sights, for Antiaircraft Guns—Part IV—Firing and Adjustment**
(1944).
- 5-18 **Rigging—Part III—Practical Installations**
(1944).
- 5-20 **Rigging—Part II—Knots**
(1944).

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- 5-22 Rigging—Part I—Rope and Lashings**
(1943).
- 5-42 Care and Servicing of Wire Rope**
(1944).
- 5-43 Use of Wire Rope**
(1944).
- 5-49 The Engineer Tractor Crane (M20—Le Tourneau)**
(1944).
- 5-50 The Carry-all Scraper**
(1944).
- 5-54 Bridge Reconnaissance**
(1944).
- 5-55 Road Reconnaissance**
(1944).
- 5-64 Model D-7 Tractor—Operator's Preventive Maintenance**
(1945).
- 5-65 D-7 Tractor—Flywheel Clutch Maintenance**
(1945).
- 5-67 Individual Camouflage and Concealment**
(1946—Color).
- 5-69 Safety Precautions in Handling Explosives and Demolitions**
(1945).
- 5-72 Floating Bridge M4—Part I—Equipment and Launching of Pontons**
(1945).
- 5-73 Floating Bridge M4—Part II—Assembly of End Sections and Raft
Sections**
(1945).
- 5-74 Floating Bridge M4—Part III—Construction**
(1945).
- 5-75 Floating Bridge M4—Part IV—Rafting**
(1945).
- 5-76 Surveying—Measuring and Leveling**
(1945).
- 5-77 Surveying—Traversing**
(1945).
- 5-78 Surveying—Building and Utility Lay-out**
(1945).
- 5-80 Grader, Caterpillar, Diesel—Part I—Operating Instructions**
(1946).
- 5-81 Grader, Caterpillar, Diesel—Part II—Operator's Preventive
Maintenance**
(1946).
- *5-83 Preparation of Native Timber for Bridge Construction**
(1946—Sound).
- *5-91 Maintenance of Bituminous Surfaces**
(1945—Sound).

*Sound film strip (SFS).

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FS No.

- *5-94 Concrete Construction**
(1947—Sound).
- *5-105 Soils**
(25 min—1953—Sound).
- *5-106 Soil Identification and Testing—Part I—Field Identification and Soil Sampling**
(19 min—1953—Sound).
- *5-107 Use of Field Decoy Installations**
(12 min—1952—Sound—Film Reference).
- *5-116 Loading Heavy Equipment in Aircraft**
Review of aircraft and loading methods used during World War II are presented—Cargo aircraft and loading techniques used today—Weight and balance factors for safe transport—Features and capabilities of C-119, C-123, and C-124—Steps and calculations required for proper placement of loads (28 min—1958—Sound—Distribution limited to Central Film and Equipment Exchanges, and Service Schools).
- *5-117 Soil Identification and Testing, Part II—Laboratory Testing**
(24 min—1956—Sound).
- *5-118 US Antipersonnel Mine M14**
(10 min—1954—Sound—Color).
- *5-119 US Heavy Antitank Mine M15**
Discusses the features, use, and operation of the M15—Procedures for installing, arming, activating, and neutralizing the mine—Safety precautions (10 min—1958—Sound).
- *5-120 Soviet TM-41 Antitank Mine**
Features, functioning, and employment of the TM-41—Procedures for arming and neutralizing—Safety precautions stressed (6 min—1957—Color—Sound).
- *5-121 Soviet TMD-B Wooden Box Mine**
Features, functioning, and employment of the mine—Procedures for arming, activating, proper laying and camouflaging, and placement for antipersonnel use—Neutralizing—Safety measures in handling and detecting (10 min—1958—Color—Sound).
- *5-122 Soviet POMZ-2 Antipersonnel Mine**
Features, functioning, and use—Provision for arming and detonating; laying singly and with other mines; camouflage; neutralizing by hand; mine clearance, using grapnel (47 frames—8 min—1959—Color—Film Reference).
- 5-133 Hand-Placed Charges Against Beach and Underwater Obstacles**
Placing demolition blocks M2, M3, M4, and bangalore torpedo by hand—Types of beach and underwater obstacles—Functioning of concussion detonator (19 min—1944).
- *5-135 Demolitions—Calculation and Placement of Charges**
Steel cutting, timber cutting, pressure charge, breaching charge, and cratering formulas—Placing steel cutting and timber cutting charges (18 min—1957—Sound).
- 5-136 Land Mines and Fuzes, General (GTA-5-19)**
(1955).

*Sound film strip (SFS).

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- 5-137 Soviet Land Mines, Fuzes and Booby Traps (GTA-5-25)**
(1955).
- *5-139 M-19 Antitank Non-Metallic Mine**
Features and use in combat—Features, location, and operation of major components—Procedures for arming, activating, laying and camouflaging, neutralizing, and lifting it from the ground—Safety measures to be observed in handling mine (10 min—1958—Sound).
- *5-143 Class 60 Pneumatic Floating Bridge**
Features and major components of the Class 60 bridge designed for heavy traffic—Selection of bridge site—Steps in the assembly and erection of the bridge (13 min—1959—Sound).
- *5-144 Aluminum Floating Footbridge**
Features, use, and construction details—Preparation of bridge site, installation of anchor cables, bays, treadways, posts, lines, and approach span (11 min—1957—Sound).
- *5-147 Air Compressor 210 CFM**
Internal operation of air compressor, defining principles of single and two-stage air compressor—Before and after operation services—Operation with pneumatic tools—Use and operation of major pneumatic tools (13 min—1958—Sound).
- *5-151 Culvert Construction**
Function of culverts in road drainage—Features use, construction and installation of common types of culverts—Stress on proper culvert requirements and maintenance (37 frames—12 min—1959).
- *5-154 Fixed Bridge Maintenance—Part I—Non-standard Bridges**
Film reviews causes and types of bridge deterioration—Basic rules for bridge maintenance—Methods, material, and procedures for maintaining timber, steel, concrete and masonry-arch bridges (10 min—1958—Sound).
- *5-155 Fixed Bridge Maintenance—Part II—Prefabricated Bridges**
Organization and duties of maintenance party—Tactical importance of proper care—Inspection and care of bridge before and after use—Repair of worn and damaged areas—Reinforcement of single-, double-truss, and triple-truss bridges (10 min—1958—Sound).
- 5-156 Wire Entanglements**
Features tactical employment and installation of barbed wire obstructions and fences—Four-strand, apron, and concertina fences—Low wire and expedient type wire obstructions (39 frames—1959).
- *5-157 Soviet PMD-6 Wooden Antipersonnel Mine**
Features use, and operation in combat arming; installation, and camouflage—Activation, detection, neutralization, and removal—Stress on safety measures (40 frames—10 min—1959—Color).
- *5-158 Road Construction**
Requirements of one- and two-lane roads—Safety factors considered in road construction—Steps in road construction—Features and use of the five types of roads used in combat areas (38 frames—12 min—1959—Film Reference).

*Sound film strip (SFS).

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***5-159 Theory of Electricity—Part I—Magnets**

Nature of natural and manmade magnets; relation between magnetism and electricity; magnetic molecular theory; magnet strength factors (48 frames—15 min—1960—Color—Film Reference).

***5-160 Theory of Electricity—Part II—Current Flow**

Theory of the electron—Ohm's law—Relation of current with resistance and voltage—Laws of series and parallel circuits—Ac and dc current (50 frames—18 min—1960—Color).

***5-162 Use of Roads and Airdrome Construction Equipment—Part I—Tornado-
dozer, Capabilities and Utilization**

Design, capabilities, use, and operation of model C tornado-
dozer—Operation on average, rough, frozen, and sloped terrain—Various
dozing, stripping, scraper operations, etc. (35 frames—10 min—1960—
Color—Film Reference).

***5-163 Use of Roads and Airdrome Construction Equipment—Part II—Truck
Mounted Cranes, Capabilities and Utilization**

Design, capabilities, use, and operation of mounted crane—Features
and operation of basic crane, boom, clamshell, draglines, pile driver,
and shovel attachment—Safety measures (34 frames—11 min—1960—
Color—Film Reference).

***5-164 Model D-8 Tractor—Capabilities and Utilization**

Design, capabilities, use and operation of D-8; tractor dozer, scraper,
roter, and winch operation; dozing, clearing, spreading, finishing,
back-filling and loading operation (57 frames—18 min—1960—
Color—Film Reference).

**6-24 Field Artillery Ammunition—Part V—Fuzes
(1943).**

**6-32 The 105-mm Howitzer M2—Part II—Mechanical Functioning
(1943).**

**6-39 The 105-mm Howitzer M2—Part III—Authorized Disassemblies
(First Echelon)
(1943).**

**6-42 Direct Laying with the 105-mm Howitzer
(1944).**

**6-50 Sighting and Laying Equipment—Tests and Adjustments—155-mm
Gun M1 and 8-inch Howitzer M1
(1944).**

**6-61 Panoramic Sketching
(1944—Instructor's Notes).**

**6-63 The 8-inch Howitzer M1 and the 155-mm Gun M1—Part I—Descrip-
tion and Characteristics
(1944).**

**6-65 The 8-inch Howitzer M1 and the 155-mm Gun M1—Part II—Mechan-
ical Functioning
(1944).**

**6-66 The 8-inch Howitzer M1 and 155-mm Gun M1—Part III—Authorized
Disassemblies
(1944).**

*Sound film strip (SFS).

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- 6-76 Direct Laying with the 155-mm Howitzer M1A1**
(1945).
- 6-84 Observed Fire Procedure Trainer—Part I**
Teaches the student the Forward Observer procedures necessary in adjusting artillery fire—Preparation for initial rounds—Sensing and subsequent fire requests—Precision, Fuze, and Time Registration (147 frames—1959—Color—Film Reference).
- 6-85 Observed Fire Procedure Trainer—Part II**
This film strip continues the Forward Observer procedures in adjusting artillery fire—Fuze Quick Mission—Fuze Delay Mission—Fuze Time Mission—Fuze VT Mission (106 frames—1959—Color—Film Reference).
- 6-86 Observed Fire Procedure Trainer—Part III**
Forward Observer procedures continued—Fuze Time Mission—Destruction Mission—Fuze VT Mission—Fuze Quick Mission (95 frames—1959—Color—Film Reference).
- 7-18 Pitching and Striking the Pyramidal Tent**
(1942—Film Reference).
- 7-19 Pitching and Striking the Wall Tent**
(1942).
- 7-22 Pitching and Striking the Latrine Screen**
(1942—Film Reference).
- 7-127 Pitching and Striking the Squad Tent M1942**
(1944—Film Reference).
- 7-135 Stream Crossing Expedients—Part I—Improvised Flotation Methods**
(1943—Film Reference).
- 7-150 Air Ground Visual Communications—Part II—Communications with Friendly Airplanes By Panel**
(1944—Film Reference).
- 8-71 First Aid—Transportation of Casualties**
(1943—Film Reference).
- 8-99 Applying the Army Leg Splints**
(1945—Film Reference).
- 8-100 Diseases of the Mouth**
(1945—Color—Film Reference).
- 8-101 Bandaging—Part I—Triangular Bandage**
(1945—Film Reference).
- 8-102 Bandaging—Part II—Roller Bandages**
(1945—Film Reference).
- *8-105 Pitching and Striking the Sectional Hospital Tent**
(1947—Sound).
- *8-106 Smallpox Vaccination**
(1947—Color—Sound).
- 8-111 Spread and Prevention of Trichinosis**
(1948—Commercial Adaptation).
- *8-113 Dermatology and Syphilology—Part I—Distribution Patterns of Lesions in the Diagnosis of Skin Diseases**
(15 min—1956—Color—Sound).

*Sound film strip (SFS).

NUMERICAL INDEX

FS No.

***8-114 Dermatology and Syphilology—Part II—The Sweat Glands in Health and Disease**

Normal and abnormal functioning of the eccrine and apocrine sweat glands—Causes, symptoms, and treatment of hyperhidrosis and anhidrosis—Malaria (18 min—1957—Color—Sound—Distribution to Central Film and Equipment Exchanges in CONUS and OS).

***8-115 Dermatology and Syphilology—Part III—Bacterial Skin Infections**

Symptoms and treatment of primary and secondary infections—Impetigo, carbuncle, skin ulcers, cutaneous diphtheria—Secondary infections of hands, feet, face, and ears (18 min—1957—Color—Sound—Distribution to Central Film and Equipment Exchanges in CONUS and OS).

***8-116 Dermatology and Syphilology—Part IV—Dermatitis and Allergy**

Causative agents, symptoms, treatment, and prevention of non-allergic dermatitis and allergic contact dermatitis dermal and epidermal sensitization (18 min—1957—Color—Sound—Distribution to Central Film and Equipment Exchanges in CONUS and OS).

***8-117 Dermatology and Syphilology—Part V—Superficial Fungus Infection**

Study of ringworm (Tinea) and Tinea Versicolor—Morphology and mycology, clinical diagnosis, and prescribed treatment (18 min—1957—Color—Sound—Distribution primarily to Central Film and Equipment Exchanges).

***8-122 Clinical Ophthalmoscopy (Normal Fundus, Development and Senile Changes, Anemia, Polycythemia)**

(Sound—Color—1951).

***8-123 Clinical Ophthalmoscopy (Thrombosis, Embolism, Arteriosclerosis, Hypertension)**

(Sound—Color—Authorized for use by armed forces and civilian reserve units only—1951).

***8-124 Clinical Ophthalmoscopy (Nephritis, Diabetes, Muscular Degeneration)**

(Sound—Color—Authorized for use by armed forces and civilian reserve units only—1951).

***8-125 Clinical Ophthalmoscopy (Retinochoroiditis, Tumor)**

(Sound—Color—Authorized for use by armed forces and civilian reserve units only—1951).

***8-126 Clinical Ophthalmoscopy (Primary Retinal Degeneration, Angioid Streaks, Diseases of the Optic Nerve)**

(Sound—Color—Authorized for use by armed forces and civilian reserve units only—1951).

***8-127 Clinical Ophthalmoscopy (Glaucoma, Trauma)**

(Sound—Color—Authorized for use by armed forces and civilian reserve units only—1951).

***8-129 Anatomy and Physiology—The Muscular System**

(11 min—1954—Sound—Color).

***8-130 Anatomy and Physiology—The Endocrine System**

(15 min—1953—Sound—Color).

***8-131 Anatomy and Physiology—The Skeletal System**

(21 min—1955—Sound—Color).

*Sound film strip (SFS).

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- *8-132 Anatomy and Physiology—The Lymphatic System**
(8 min—1953—Sound—Color).
- *8-133 Anatomy and Physiology—The Urinary System**
(9 min—1956—Sound—Color—Film Reference).
- 8-134 Anatomy and Physiology—The Digestive System**
(13 min—1952—Color).
- *8-136 Anatomy and Physiology—The Male Reproductive System**
(9 min—1953—Color—Sound).
- *8-138 The Surgical Dressing Carriage**
(15 min—1955—Sound).
- 8-148 Important Diseases Common to the Tropics**
(1951—Color—Film Reference).
- *8-154 Anatomy and Physiology—The Respiratory System**
(12 min—1953—Color—Sound).
- *8-184 Medical Certification of Causes of Death**
(1952—Sound—Commercial Adaptation).
- *8-185 Dental Kit, Emergency Field**
(6 min—1954—Sound—Commercial Adaptation).
- *8-187 Medical Kit, Individual**
(14 min—1954—Sound—Film Reference).
- *8-188 Dressing, First Aid, Individual**
(7 min—1955—Sound).
- *8-191 Snake Bite Kit, Suction, in Plastic Carrying Case**
(11 min—1954—Sound).
- *8-195 Shell Egg Grading**
(22 min—1956—Color—Sound).
- *8-198 Technique and Sites for Subcutaneous and Intramuscular Injections**
(31 min—1954—Sound).
- *8-207 Fish Inspection—Part One—North Atlantic Fish**
(7 min—1956—Color—Sound).
- *8-208 Food Inspection—Oysters**
(15 min—1954—Sound).
- *8-242 Veterinary Surveillance Inspection of Perishable Subsistence**
Class 5, 6, 7, and 9 inspections of chilled and frozen foods—Causes of deterioration of frozen foods and chilled products—Requirements for commercial and post storage plants—Daily inspections of warehouse conditions to prevent spoilage (21 min—1958—Color—Sound).
- *8-253 To Smoke or Not to Smoke**
Scientific relation between cigarette smoking and lung cancer—Decision is left to individual as to giving up the smoking habit (86 frames—12 min—1960—Color—With four accompanying brochures—No additional prints available on reorder—Commercial Adaptation).
- *8-254 The Cancer Challenge to Youth**
Known causes, symptoms, and current treatment of lung cancer—Stress on the challenge to youth to find a way to control cancer (66 frames—11 min—1960—Color—With two accompanying brochures—No additional prints available on reorder—Commercial Adaptation).

*Sound film strip (SFS).

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- 9-20 The US Rifle, Cal. .30, M1—Part I—Disassembly and Assembly
(1942—Film Reference).
- 9-24 The Browning Machine Gun, Cal. .50, M2—Part I—Disassembly and
Assembly
(1942—Film Reference).
- 9-86 The 60-mm Mortar M2 and Mount—Part II—Disassembly and
Assembly
(1943).
- 9-89 The Browning Automatic Rifle, Cal. .30, M1918A2 and Bipod M1918A2,
Disassembly and Assembly—Part I—Disassembly and Assembly
of Bipod, Stock Rest, Magazine, and Trigger Guard
(1943).
- 9-91 The Browning Automatic Rifle, Cal. .30, M1918A2 and Bipod M1918A2,
Disassembly and Assembly—Part III—Disassembly and Assembly
of Butt Plate and Sight Groups
(1943).
- 9-92 The Browning Automatic Rifle, Cal. .30, M1918A2 and Bipod M1918A2,
Disassembly and Assembly—Part IV—Removal of Parts without
Disassembly, Inspection, and Gaging
(1943).
- 9-93 The Browning Machine Gun, Cal. .30, M1917A1, Disassembly, Assem-
bly, Inspection, and Gaging—Part I—Disassembly of Major
Groups from, and Assembly to the Weapon
(1943).
- 9-94 The Browning Machine Gun, Cal. .30, M1917A1, Disassembly, Assem-
bly, Inspection, and Gaging—Part II—Disassembly and Assembly
of Back Plate Group, Bolt Group, Block Frame Assembly, Barrel
Extension
(1943).
- 9-95 The Browning Machine Gun, Cal. .30, M1917A1, Disassembly, Assem-
bly, Inspection, and Gaging—Part III—Disassembly and Assembly
of Cover Group, Rear Sight Group, the Receiver, and Water
Jacket
(1943).
- 9-96 The Browning Machine Gun, Cal. .30, M1917A1, Disassembly, Assem-
bly, Inspection, and Gaging—Part IV—Inspection and Gaging
Bolt Group
(1943).
- 9-120 The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and
Assembly—Part I—Removing the Gun and Cradle
(1943).
- 9-121 The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and
Assembly—Part II—Removing the Carriage, Limber, Bogie, and
Train
(1943).
- 9-122 The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and
Assembly—Part III—Disassembly of the Breech Mechanism
(1943).

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- 9-123 The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and Assembly—Part IV—Disassembly of the Top Carriage (1943).
- 9-124 The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and Assembly—Part V—Disassembly of the Trunnions (1943).
- 9-125 The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and Assembly—Part VI—Disassembly of the Replenisher and of the Variable Recoil Mechanism (1943).
- 9-126 The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and Assembly—Part VII—Disassembly of the Bogie (1943).
- 9-127 The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and Assembly—Part VIII—Disassembly of the Bogie (1943).
- 9-128 The 155-mm Gun, M1A1, and Gun Carriage, M1 Disassembly and Assembly—Part IX—Disassembly of the Heavy Carriage Limber M2 (1943).
- 9-129 The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and Assembly—Part X—Disassembly of the Carriage Air Line and the Emergency Relay Valve (1943).
- 9-138 The US Rifle, Cal. .30, M1—Inspection (1943).
- 9-139 The US Rifle, Cal. .30, M1, Maintenance and Repair—Part I (1943).
- 9-140 The US Rifle, Cal. .30, M1, Maintenance and Repair—Part II (1943).
- 9-142 The Browning Automatic Rifle, Cal. .30, M1918A2, Maintenance and Repair—Part I (1943).
- 9-143 The Browning Automatic Rifle, Cal. .30, M1918A2, Maintenance and Repair—Part II (1943).
- 9-152 The Browning Machine Gun, Cal. .50, M2, Inspection and Gaging—Part I (1943).
- 9-153 The Browning Machine Gun, Cal. .50, M2, Inspection and Gaging—Part II (1943).
- 9-155 The Carbine, Cal. .30, M1—Inspection (1943).
- 9-158 Bomb Reconnaissance—Part I—Diagnosis of Exploded Bombs (1944).
- 9-166 Tire Maintenance—Part II—Retreading (1943).

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FS No.

- 9-174 The Browning Automatic Rifle, Cal. .30, M1918A2, Inspection and Gaging—Part I**
(1943).
- 9-175 The Browning Automatic Rifle, Cal. .30, M1918A2, Inspection and Gaging—Part II**
(1943).
- 9-176 The Tire Maintenance—Part III—First Echelon Maintenance**
(1943).
- 9-241 Preventive Maintenance, Automotive Wheeled Vehicles, First Echelon Driver, After-operation and Weekly Service—Part IV**
(1944).
- 9-281 Winterization Kits for Automotive Vehicles—Part XII**
(1945).
- 9-306 Browning Automatic Rifle, Cal. .30 M1918A2 (GTA 9-606)**
(1955).
- 9-309 Mortar, 81-mm, M29 (GTA 9-625)**
(1955).
- 9-310 Mortar, 4.2'', M30 (GTA 9-626)**
(1955).
- *9-311 Public Relations for Business and Professional People**
(10 min—1955—Sound—Color—Distribution in CONUS only—Commercial Adaptation).
- *9-326 The AOSI 895-5 Engine—Maintenance Procedure**
Design and operation of engine—First and second echelon maintenance and servicing procedures performed on each component (14 min—57 Frames—1960—Film Reference).
- 10-36 Automotive Brakes—Principles, Mechanical, Hydraulic, Air, Vacuum, Electric**
(1941).
- 10-42 The Internal Combustion Engine**
(1942).
- 10-57 The Carter Carburetor**
(1941—Film Reference).
- 10-59 Sheet Metal Work—Body, Fender, and Radiator Repairs**
(1941).
- 10-61 The Storage Battery**
(1941).
- 10-63 Engine Tune-Up—Part I**
(1942).
- 10-64 Engine Tune-Up—Part II**
(1942).
- 10-65 Engine Tune-Up—Part III**
(1942).
- 10-82 Principles of the Down-draft Carburetor**
(1942).
- 10-87 Principles of Front End and Wheel Alignment**
(1942).

*Sound film strip (SFS).

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- 10-106 Refrigeration of Food—Part I—In the Field**
(1943).
- 10-118 The Army Range No. 5**
(1943).
- 10-124 Storage and Handling of Gasoline Lubricants in the Field—Part I—
Gasoline**
(1943).
- 10-126 Unloading Gasoline from Tank Cars**
(1943).
- 10-134 Baking in the Field—Field Expedients—Part I—Adaptation of the
M1937 Range for Emergency Baking**
(1944).
- 10-139 Individual Cooking—Part II—Cooking Meats, Fish, Fowl, Eggs, and
Vegetables**
(1944).
- 10-140 Individual Cooking—Part III—The Arctic**
(1944).
- 10-141 Individual Cooking—Part IV—The Jungle**
(1944).
- 10-147 Tractor Trailer Driving**
(1944).
- 10-159 Shoe Repair—Part VI—The Patching Machine**
(1944).
- 10-163 Outfit, Cooking, Small Detachment**
(1945).
- 11-3 Film Strip Preparation**
(1942).
- 11-39 Suppression Systems for Army Vehicles**
(1943).
- 11-50 Film Strip Projector, PH-222—Setting Up and Operating**
(1944).
- 11-54 Plow LC-61 (Cable)**
(1944).
- 11-58 Photographic Darkroom Procedure—Tank Development of Cut Film**
(1944).
- 11-59 Photographic Darkroom Procedure—Part I—Loading Film Holders**
(1944).
- 11-60 Photographic Darkroom Procedure—Part III—Contact Printing**
(1944).
- 11-61 Photographic Darkroom Procedure—Part IV—Projection Printing**
(1944).
- 11-64 Use of Repeating Coil C-161**
(1944).
- 11-65 The Photographic Negative**
(1944).
- *11-70 Photographic Chemistry**
(1944—Sound—Film Reference).

*Sound film strip (SFS).

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- 11-83 Fine Grain Processing**
 (1944—Film Reference).
- 11-106 Framing, Composition, and Perspective**
 (1951).
- 11-107 Hazards of High-powered Radio Transmitters**
 (1952).
- 11-108 Repair of Camera PH-47-E and -F, Part I—Disassembly and Re-**
 assembly of the Bed and Back
 (1952).
- 11-109 Military Portraiture and Lighting**
 (1952).
- 11-111 Repair of Camera PH-47-F—Part III—Disassembly and Reassembly**
 of the Ilex Shutter
 (1952).
- 11-112 Repair of Camera PH-47-E—Part IV—Disassembly and Reassembly**
 of the Supermatic Shutter
 (1952).
- 11-113 Repair of Camera PH-47-()—Part V—Disassembly and Reassembly**
 of the Kalart and Hugo Meyers Range Finders
 (1952).
- 11-114 Repair of Camera PH-47-()—Part VI—The Flashgun, Solenoid, and**
 Built-in Synchronizer
 (1953).
- 11-115 Identification Photography—Operation of Equipment**
 (1952).
- 11-120 Signal Supply—Item Identification**
 (1953).
- 11-125 Signal Supply—Nomenclature Systems**
 (1954).
- 11-137 Circuit Diagrams**
 (1953).
- *11-142 Wave Propagation and Antenna Theory—Part I**
 (42 min—1955—Sound).
- *11-145 Wave Propagation and Antenna Theory—Part II**
 (30 min—1955—Sound).
- *12-17 Army Library Program**
 (11 min—1954—Sound—Film Reference).
- *12-18 US Army Service Clubs**
 (12 min—1954—Sound—Film Reference).
- *12-19 Army Crafts Program**
 (13 min—1953—Sound—Film Reference).
- *12-101 The Army Entertainment Program**
 (11 min—1954—Sound).
- *16-161 Living Right at Our Work (Sound Film Strip Kit).**
 RIGHT CHOICE—How to decide what is nearest right in everyday
 problems of choice that often arise in our work (10 min).
 RIGHT ATTITUDE—How we can direct our feelings toward
 others to get good personal relations on the job (10 min).

*Sound film strip (SFS).

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FS No.

RIGHT COUNSEL—How to go about the giving of advise and how to take it from others (10 min).

RIGHT OUTLOOK—Discussion on the workday effects of the way you look at things (10 min).

RIGHT LEADERSHIP—How to get good leadership and when (10 min) (1956—Distribution to Central Film and Equipment Exchanges in CONUS and OS for use by Chaplains—Commercial Adaptation).

***16-162 Leadership Education Audio-Visual Kit**

How to develop leadership skills to carry out church work properly, and to teach effectively for optimum learning—For church leaders and teachers—With leaders guides and scripts (10-SFS—1959—Commercial Adaptation).

***16-163 Family Life Audio-Visual Series Kit—For Parents**

Responsibilities of Christian parents—How family life can be enriched by applying Christian principles in the home—With leaders guides and scripts (4 SFS—1959—Commercial Adaptation).

***16-164 Church School Administration Audio-Visual Kit**

For church school administrative staff and teachers—With guides and scripts—How leadership and teaching skills can be developed to improve the quality of Christian education in the church school (2 SFS, 1 FS—1959—Commercial Adaptation).

16-166 Planning and Conducting the Vacation Church School

Advantages of the vacation church school—How it is implemented and the elements pertinent to its success—For church administrative staff—With leaders guide and script (66 Frames—1959—Commercial Adaptation).

16-167 Some Learning Experiences

Learning experiences of kindergarten, primary, junior, and intermediate pupils are presented as a basis for group discussion—For church school teachers—Includes leaders guide and script (67 Frames—1959—Commercial Adaptation).

***16-168 Successful Teaching Sound Film Strip Kit**

Explains the five basic principles for successful teaching; how they should be applied—The five steps in the learning process—For church school teachers—With leaders guide and lesson outlines (8 SFS—1959—Color—Commercial Adaptation).

***16-169 Training Kit for Using Audio-Visuals in a Church**

Consists of four filmstrips with records and leaders' guide and scripts; and a 4-minute sound film entitled "The Rich Fool" (49 Frames—8 min—1959—Color—Commercial Adaptation).

***16-169 Training Kit for Using Audio-Visuals in a Church**

Consists of four filmstrips with records, leaders' guide and scripts; and a four-minute sound film entitled "The Rich Fool" (49 Frames—8 min—1959—Color—Commercial Adaptation—Supplementary distribution to AF&EEs).

***16-170 Parables From Nature—Series One**

Consists of six color filmstrips and study guides; 3 double-sided 33½ rpm records (1960—Color—Commercial Adaptation—Distributed to AF&EEs for loan to Chaplains—No additional prints available).

*Sound film strip (SFS).

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FS No.

- *16-171 Parables From Nature—Series Two**
 Consists of six filmstrips in color, six study guides; three double-sided 33½ rpm records (1960—Color—Commercial Adaptation—Distributed to AF&EEs for loan to Chaplains—No additional prints available).
- *16-172 The Story of the Prophets—Series One**
 Consists of six color films with six study guides; three doubled-sided 33½ rpm records (1960—Color—Commercial Adaptation—Distributed to AF&EEs for loan to Chaplains—No additional prints available).
- *16-173 The Story of the Prophets—Series Two**
 Consists of four color films, each with study guides; two double-sided 33½ rpm records (1960—Color—Commercial Adaptation—Distributed to AF&EEs for loan to Chaplains—No additional prints available).
- *16-174 The Bible and the Presidents**
a Kit contains: four color filmstrips with four teacher study guides;
through two double-sided 33½ rpm records (1960—Color—Commercial Adap-
d tation—Distributed to AF&EEs in CONUS and OS for Chaplains—
 No additional kits available).
- *16-175 Tales of Jiminy Cricket**
a Kit contains: six color filmstrips, with one master guide and six study
through guides; three double sided 33½ rpm records (1960—Color—Com-
f mercial Adaptation—Distributed to AF&EEs in CONUS and OS for
 Chaplains—No additional kits available).
- *16-186 St. John University Sound Film Strip Catechism Kit**
a Kit contains: 10 color filmstrips; 10 double-sided 33½ rpm records
through (1960—Color—Kits are to be redistributed by Film and Equipment
j Exchanges on indefinite loan to post Chaplains designated in initial
 distribution—Distribution for Chaplains—No additional kits
 available).
- *16-188 The Story of Jesus—Part I**
 Kit contains: six filmstrips (color); six records, 33½ rpm, double-
 sided; seven study guides (one master guide and six individual study
 guides) (1960—Color—Distributed to AF&EEs for Chaplains—No
 additional kits available on reorder—Commercial Adaptation).
- *16-192 Christmas Series**
 Kit contains: three color filmstrips; three records (33½ rpm, two
 double-sided and one single-sided); three study guides (1960—Color—
 Distributed to AF&EEs for loan to Chaplains—No additional prints
 available—Commercial Adaptation).
- 19-2 Police Riot Club**
 Military Police and Guard Duty; policing and guard duty (1943—
 Film Reference).
- 19-5 Signals for Traffic Control Manual**
 Policing and guard duty (1944—Film Reference).
- 19-7 Riot Control Formations**
 Military Police and Guard Duty; policing and guard duty (1945—
 Film Reference).
- 19-9 Fingerprinting and Fingerprint Examination**
 (1953—Film Reference).

*Sound film strip (SFS).

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- FS No.**
- 19-10 Fingerprint Lifting**
(1954—Film Reference).
- *19-11 Glass Fractures**
(14 min—1955—Sound—Film Reference).
- *19-12 Casts and Molds**
(20 min—1955—Sound—Film Reference).
- *19-13 Mechanical Aids to Physical Security—Part I—Perimeter Barriers and Personnel Identification**
(13 min—1955—Sound—Film Reference).
- *19-14 Packaging of Evidence for Transmittal to the Military Police Criminal Investigation Laboratories**
(10 min—1956—Sound).
- *19-16 Mechanical Aids to Physical Security—Part II—Protective Lighting, Communications, and Alarm Systems**
(13 min—1955—Sound—Film Reference).
- 20-7 Office Hazards**
(1944).
- 20-8 Good Housekeeping**
(1944).
- 20-9 Mechanical Handling of Materials**
(1944).
- 20-10 Safe From Fire**
(1945).
- 20-11 Motor Vehicle Operation**
(1944).
- 20-12 When Accidents Strike**
(1944).
- 20-13 Safe Use of Hand Tools**
(1945).
- 20-14 Safe Use of Fork Lift**
(1945).
- 20-15 Safety Pointers for the Operation of QM Laundry and Dry-Cleaning Installations**
(1945).
- 20-16 Safety Pointers for Post Engineer Maintenance Operations**
(1945).
- 20-23 The Artillery Meteorological Message**
(1945).
- *20-24 No Man's Land**
(1947—Sound—Commercial Adaptation).
- *20-25 The Tragic Road to Safety**
(1948—Sound—Commercial Adaptation).
- *20-26 Taking the Mystery Out of Power Factor**
(1948—Sound—Commercial Adaptation).
- *20-29 Follow the Leader**
(1948—Sound—Commercial Adaptation).

*Sound film strip (SFS).

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FS No.

- *20-30 Safety is in Order**
 (1948—Sound—Commercial Adaptation).
- *20-31 Brain Beats Brawn**
 (1948—Sound—Commercial Adaptation).
- *20-32 Production with Safety**
 (1948—Sound—Commercial Adaptation).
- *20-33 Cause and Cure**
 (1948—Sound—Commercial Adaptation).
- *20-38 Stop, Look, and Listen**
 (1948—Sound—Commercial Adaptation).
- *20-53 Defensive Driving**
 (1948—Sound—Commercial Adaptation).
- *20-54 No Use Skidding**
 (1948—Sound—Commercial Adaptation).
- *20-57 Human Factors in Safety—The Secret of Supervision**
 (1949—Sound—Commercial Adaptation).
- *20-58 Human Factors in Safety—Teaching Safety on the Job**
 (1949—Sound—Commercial Adaptation).
- *20-59 Human Factors in Safety—People Are All Alike**
 (1949—Sound—Commercial Adaptation).
- *20-60 Human Factors in Safety—Everybody's Different**
 (1949—Sound—Commercial Adaptation).
- *20-61 Human Factors in Safety—Teamwork for Safety**
 (1949—Sound—Commercial Adaptation).
- *20-62 Human Factors in Safety—Safety Case Histories**
 (1949—Sound—Commercial Adaptation).
- *20-93 The Case of Alice, Jane, and Agnes**
 (2 min—1952—Sound—Commercial Adaptation)
- *20-94 The Case of Al Miller**
 (2 min—1952—Sound—Commercial Adaptation).
- *20-95 The Case of Emma Trimble**
 (5 min—1952—Sound—Commercial Adaptation).
- *20-96 The Case of Jerry Cooper**
 (3 min—1952—Sound—Commercial Adaptation).
- *20-97 The Case of Jim Halsey**
 (2 min—1952—Sound—Commercial Adaptation).
- *20-98 The Case of Mike and Bill**
 (2 min—1952—Sound—Commercial Adaptation).
- 20-99 Dissemination of Atomic Energy Information—Indoctrination-Phase I**
 (U)
 (101 Frames—1950—Limited Distribution—Further distribution
 must be authorized by G-3—Film is classified CONFIDENTIAL).
- 20-100 Dissemination of Atomic Energy Information—Indoctrination-Phase**
 II (U)
 (100 Frames—1950—Limited Distribution—Further distribution
 must be authorized by G-3—Film is classified CONFIDENTIAL).

*Sound film strip (SFS).

NUMERICAL INDEX

FS No.

- *20-112 Off to the Right Start**
(19 min—1952—Sound—Commercial Adaptation).
- *20-113 There's a Job To Be Done**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).
- 20-114 One Step at a Time**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).
- *20-115 Let's Face the Facts**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).
- 20-116 Do the Job Right**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).
- *20-117 The Balanced Job**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).
- 20-118 It Takes Time**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).
- *20-119 When Something Goes Wrong**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).
- *20-120 Let's Talk Things Over**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).
- *20-121 The Right Medicine**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).
- *20-122 A Stitch in Time**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).
- *20-123 The Man Behind the Machine**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).
- *20-124 Women on the Job**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).
- *20-144 Man's Place in an Organization**
(22 min—1952—Sound—Distribution limited to ZI).
- *20-145 Make Requests—Don't Command**
(1952—Sound—Distribution limited to ZI).
- 20-166 Production Control—Part I**
(Distribution limited to ZI for use only in Ordnance Training Program for Management Engineer and Engineer Analysts—1952—Commercial Adaptation).

*Sound film strip (SFS).

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FS No.

- 20-167 Production Control—Part II**
(Distribution limited to ZI for use only in Ordnance Training Program for Management Engineer and Engineer Analysts—1952—Commercial Adaptation).
- 20-168 Methods Analysis**
(Distribution limited to ZI for use only in Ordnance Training Program for Management Engineer and Engineer Analysts—1952—Commercial Adaptation).
- 20-169 Quality Control**
(Distribution limited to ZI for use only in Ordnance Training Program for Management Engineer and Engineer Analysts—1952—Commercial Adaptation).
- *20-178 The Case of Mary Benson**
(6 min—1952—Sound—Commercial Adaptation).
- *20-179 A Difference of Opinion**
(2 min—1952—Sound—Commercial Adaptation).
- *20-180 The Case of Independent Sadie**
(1 min—1952—Sound—Commercial Adaptation).
- *20-181 The Case of Tom, Dick and Harry**
(2 min—1952—Sound—Commercial Adaptation).
- *20-182 The Case of Paul Steele**
(5 min—1952—Sound—Commercial Adaptation).
- *20-183 The Case of Joe and Bob**
(2 min—1952—Sound—Commercial Adaptation).
- *20-184 The Case of Harry Carey**
(3 min—1952—Sound—Commercial Adaptation).
- *20-185 The Case of George Gray**
(4 min—1952—Sound—Commercial Adaptation).
- *20-186 The Case of Lefty Laws**
(3 min—1952—Sound—Commercial Adaptation).
- *20-187 The Case of Sarah Blake**
(3 min—1952—Sound—Commercial Adaptation).
- *20-188 The Case of John Beaver**
(4 min—1952—Sound—Commercial Adaptation).
- *20-189 The Case of Abbie Swartz**
(5 min—1952—Sound—Commercial Adaptation).
- *20-190 The Case of Tessie Teller**
(3 min—1952—Sound—Commercial Adaptation).
- *20-191 The Case of Dewey Jones**
(3 min—1952—Sound—Commercial Adaptation).
- *20-192 The Case of Frances Moore**
(3 min—1952—Sound—Commercial Adaptation).
- *20-193 The Case of Bob Smith**
(3 min—1952—Sound—Commercial Adaptation).
- *20-194 The Case of Jake Diller**
(4 min—1952—Sound—Commercial Adaptation)

*Sound film strip (SFS).

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- *20-195 Case of the Three Calandeeers**
(4 min—1952—Sound—Commercial Adaptation).
- *20-214 The Assistant Supervisor**
Explains the benefits of the Employee Suggestion Program—Increased productivity—Employee morale—Savings of time and money (72 Frames—12 min—1959—Commercial Adaptation—One print to each CF&EE in CONUS—No additional prints available on reorder).
- 20-218 Perception of Driving Hazards**
Presents typical situations encountered on the road requiring perception of driving hazards, with aim towards developing better and safer drivers—Hazards as related to parking, making turns, crossing intersections, cutting off another car, right-of-way, hand signaling, and coping with pedestrian traffic (70 Frames—1958—Color).
- 20-240 Perception of Driving Hazards—Part II—Limited Access Highways**
Actual behind-the-wheel traffic views of situations based on most frequent causes of accidents—designed to evoke perception of driving hazards (43 Frames—1960—Color—With accompanying guidebook—Commercial Adaptation).
- *20-241 Seeing Habits For Expert Driving**
How inadequate perception leads to accidents—The five seeing rules for expert driving to avoid being the cause or victim of accidents (59 Frames—20 min—1960—Color—With guidebook—Commercial Adaptation).
- 20-242 Perception of Driving Hazards—Part III—Highways and Byways**
Behind-the-wheel traffic views of the most frequent causes of accidents on highways and rural roads, with the aim of developing better drivers (44 Frames—1960—Color—With guidebook—Commercial Adaptation).
- *21-1 Film Strip Use in Military Training**
(1944—Sound—Film Reference).
- *21-4 Employment of the Armed Forces—Part I—The Armed Forces Team**
(1949—Sound).
- *21-5 Employment of the Armed Forces—Part II—The Army Team**
(1949—Sound).
- *30-10 Radio Direction Finding—Part I—Theory and Equipment**
(25 min—1956—Sound—Film Reference).
- *30-11 Radio Direction Finding—Part II—Installation and Operations (U)**
(37 min—1957—Sound—Limited distribution to Army Film and Equipment Exchanges in CONUS and OS for loan to need-to-know audiences—Film is classified CONFIDENTIAL).
- 31-6 Parachute Landing Falls**
(1950).
- 38-2 War Department Shipping Document—Part I: Preliminary Preparation**
(1944—Film Reference).
- *38-5 Warehousing at War—Part III: Receiving**
(1945—Sound—Film Reference).
- *38-8 Stock Control Practices—Part I: Control Levels**
(1944—Sound).

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- *38-9 Stock Control Practices—Part II: Stock Record Cards**
(1944—Sound—Film Reference).
- *38-11 Ammunition Handling in Depots**
(1945—Sound).
- *38-13 Warehousing at War—Part VI: Stacking and Unloading with Fork Lift Trucks**
(1945—Sound—Film Reference).
- *38-27 Packaging and Packing—Use of Salvaged Packaging Materials**
(20 min—1955—Sound).
- *38-30 Packaging and Packing—Determination of Methods of Preservation**
Factors considered in the preservation of military items for shipment or storage—Weight, size, shape, surface, composition, and cost of item—Methods used to protect items against corrosion and damage are: Methods I, IA, IB, IC, II, and III (8 min—1959—Sound—Film Reference).
- *38-32 Fabrication of Corrugated Fiberboard Cells and Pads**
Correct use of cells and pads serving to block, brace, and cushion an item within a container—Scoring and slotting cells—Proper placement of flat and corner pads in container—Importance of proper design in the construction of cells and pads (8 min—1959—Sound—Film Reference).
- *38-33 Packaging and Packing—Methods of Preservation (Includes 1A Methods)**
Proper protection and packaging of items in accordance with MIL-P-116 are reviewed—Basic method and submethods for accomplishing water-vaporproof protection to various items are explained—Required testing of military packages (13 min—1958—Film Reference—Sound).
- *38-34 Packaging and Packing—Methods of Preservation—Sub-Method IA-1, Conforming Wrap, Dipcoat Sealed**
Procedure for cleaning, drying, and applying the preservation to the item—Application of conforming wrap, dipcoat seal, outer wrap, and identification markings (13 min—1959—Sound—Film Reference—*Note:* Sound Film Strip SFS 38-33 (Method 1-A) should be presented before the showing of this film strip).
- *38-35 Packaging and Packing—Methods of Preservation—Sub-Method IA-2, Container, Overwrap, Dipcoat Sealed**
Describes level of protection afforded by this method—Preparing the item—Wrapping the item in barrier material—Cushionizing and cartonizing—Closing and overwrapping the container—Dipcoat sealing wrapped box—Application of outer wrapping and identification markings (10 min—1959—Sound—Film Reference—*Note:* Sound Film Strip SFS 38-33 (Method 1-A) should be presented before the showing of this film).
- *38-36 Packaging and Packing—Methods of Preservation—Method II**
Method II provides a water-vaporproof barrier that protects critical mechanical and electrical items from rust, corrosion, and mildew—Sub-methods 11a through 11f are reviewed—Heat seal test (9 min—1958—Sound—Film Reference).

*Sound film strip (SFS).

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***38-37 Methods of Preservation—Submethod IId—Rigid Metal Container, Sealed**

Protection afforded by Method IId—Material, equipment, and procedure used—Types of items involved—Proper use of desiccant and humidity indicators—Various methods of closure with different containers (7 min—1958—Sound—Film Reference).

***38-38 Methods of Preservation—Method IC—Waterproof Barrier (With Preservative as Required)**

This method provides waterproof protection against liquid water—Material and equipment used—Procedures followed in each of the six submethods, IC-1 through IC-6 (8 min—1958—Sound—Film Reference).

***38-39 Packaging and Packing—Nailed Wood Boxes**

Construction and use of various styles of boxes—Styles 1, 2, 2½, 3, 4, 4½, 5, and 6; types of loads shipped in boxes—Types I, II and III (12 min—54 Frames—1959—Film Reference).

***38-40 Fully Sheathed Crates**

Crate is used for packing large bulky items and fragile type materiel—Detailed construction of crate and how it differs from box to give physical and climatic protection—Water drainage, reinforcements, and ventilation (12 min—1958—Sound—Film Reference).

***38-41 Packaging and Packing—Marking**

Methods used to mark shipments—Required markings for normal supply material and special items—Authorized location of markings on containers, barrels, drums, boxes, and bales—Specific markings required for special items—Importance of accurate marking to assure prompt delivery (12 min—1959—Sound—Film Reference).

***38-42 Packaging and Packing—Strapping of Military Shipments**

Basic requirements and techniques for strapping exterior shipping containers, including nailed wood boxes, cleated panel boxes, fiberboard and wirebound boxes, crates, and drums—Protective clothing and equipment, proper placement, tensioning, and securing of straps (13 min—1958—Sound—Film Reference).

***38-43 Packaging and Packing—Palletization**

Advantages for shipping efficiency—Types, construction and use of wood, steel and aluminum pallets—Loading patterns and size and weight requirements for various items (48 Frames—10 min—1960).

***38-44 Cardloading**

Methods, materiel, and equipment used for proper loading of open and closed railcars—Blocking and bracing, the floating load, snubbing a load, etc (60 Frames—17 min—1959—Film Reference).

***38-45 Volatile Corrosion Inhibitors**

Features, use, and application of Types I and II materials to protect metal items—M1 Rifle, M61 Gun, fire control items, and other special items (58 Frames—11 min—1959—Film Reference).

*Sound film strip (SFS).

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- *38-46 Packaging and Packing—Submethod IIA, Floating Bag**
Technique for protecting complex items against corrosion and damage—Preparing item—Application of contact preservative, barrier material, and desiccant—Heat-sealing barrier—Securing and marking floating bag and shipping container (12 min—1959—Sound—Film Reference—*Note:* Sound Film Strip SFS 38-36 (Method II) should be presented before the showing of this film).
- *38-47 Methods of Preservation—Submethod Iie—Container Barrier**
Proper application of method to give water-vaporproof protection to critical items which cannot be fully treated by a contact preservative—Wrapping in noncorrosive barrier material—Closure methods to prevent rupture of barrier material (10 min—1958—Sound—Film Reference).
- *38-48 Packaging and Packing—Method IB**
Use and variation of Submethod IB-1 and IB-2—Waterproof and water-vaporproof protection of articles through strippable compound coating, hot dip—Features and use of Type I and Type II compounds—Direct and indirect application of compound—Wrapping, cartonizing, and marking as required (10 min—1959—Sound—Film Reference).
- *38-49 Methods of Preservation—Submethod IA-8 Water-Vaporproof Bag, Sealed**
Packaging aircraft repair part by IA-8 method: Application of contact preservative, greaseproof barrier, cushioning, and water-vaporproof bag (38 Frames—7 min—1959—Film Reference).
- *38-50 Methods of Preservation—Method I—Preservative Coating—With Greaseproof Wrap as Required**
Nature of hard-drying and soft-drying preservatives—Application of method I using each type compound—Conditions requiring overwrap with greaseproof material (49 Frames—8 min—1959—Film Reference).
- *38-51 Submethod Iib—Container, Barrier, Container**
Cushioning, blocking and bracing item in inner container inclusion of desiccant, humidity indicator, and barrier material; sealing and marking outer container (58 Frames—14 min—1959—Film Reference).
- *38-52 Packaging and Packing—Methods of Applying Contact Preservatives**
Proper application of the seven authorized methods: dipping, flow coating, slushing, filling, fogging, spraying and brushing (50 Frames—11 min—1960—Film Reference).
- *38-53 Packaging and Packing—Methods of Cleaning and Drying**
Rules for cleaning and drying—Cleaning methods used to remove greasy, water-soluble and solid contaminants—Various drying methods used (57 Frames—12 min—1960—Film Reference).
- *38-54 Methods of Preservation**
How Methods I, IA, IB, IC, II, and III render mechanical, physical, waterproof, and water-vaporproof protection in various degrees—Items used with each (59 Frames—14 min—1959—Film Reference).
- *38-55 Conex Containers**
Features and use of Type I and II containers—Loading, blocking, and bracing various kinds of items—Inclusion of shipping documents—Closing and marking container (54 Frames—12 min—1959).

*Sound film strip (SFS).

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FS No.

***38-56 Packaging and Packing—Specifications**

Nature and use of Government specifications for commodity and process requirements; identity and use of commodity specifications—Material, product, and equipment—Process specifications—General and detailed (61 Frames—16 min—1960—Film Reference).

***38-57 Packaging and Packing—Cushioning, Blocking and Bracing—Part I**

Nature and functions of these measures in preserving and packaging military supplies—Factors considered in applying these measures to various items (42 Frames—10 min—1960—Film Reference).

***38-58 Packaging and Packing—Cushioning, Blocking, and Bracing—Part II**

Nature and requirements of various types of materials used for cushioning, blocking, and bracing—Examples of materials in each category and their use (53 Frames—15 min—1960—Film Reference).

***38-59 Packaging and Packing—Cushioning, Blocking, and Bracing—Part III**

Flotation and suspension methods of cushioning—Methods of blocking and bracing, using wood—Methods used to secure wood blocking and bracing (52 Frames—16 min—1960—Film Reference).

38-60 Method of Preservation—Submethod IIc—Cushioned Item, Bag

Requirements and application of submethod IIc to preserve small critical items—Nature of class I and II barrier material, and the desiccant and cushioning used (43 Frames—8 min—1959).

***38-61 Packaging and Packing—Unsheathed Crates**

Types, construction, load capacitor, and use of unsheathed crates for domestic and overseas shipment as outlined in MIL-C-132 and MIL-C-3774 (61 Frames—17 min—1960—Film Reference).

***38-62 Packaging and Packing—Methods of Preservation—Submethod IIb**

Cleaning item—Application of cushioning material—Desiccant formula; application of desiccant; use of fiber can; identification markings; use of humidity indicator (40 Frames—8 min—1960—Film Reference).

***38-63 Packaging and Packing—Methods of Preservation—Method III**

Need, use, and provisions followed in Method III—Types of material used to block, brace, and cushion items; types of carton used; rough handling tests given to carton (47 Frames—12 min—1960—Film Reference).

***38-64 Packaging and Packing—Heat Sealing**

Materials, equipment, requirements for proper heat-sealing of packages—Provisions followed in jaw, band and rotary heat sealing; the heat seal test (55 Frames—14 min—1960—Film Reference).

***38-65 Packaging and Packing—Cleated Panel Boxes**

Styles, construction, load capacity (Type I, II, III loads), and strapping requirements for each type of cleated box used in packing military supplies (57 Frames—17 min—1960—Film Reference).

**44-14 Antiaircraft Artillery Fire Control and Position Findings—Part XIX:
The Director M5A2**

(1945—For use only in training National Guard units and foreign armies, not for training active Army).

*Sound film strip (SFS).

NUMERICAL INDEX

FS No.

- 44-18 **Antiaircraft Artillery Guns and Accessories—Part II: The 90-mm
AA Gun on M1A1 Mount—Section A: The Bogie and Pedestal
(1945).**
- 44-19 **Antiaircraft Artillery Guns and Accessories—Part XII, Section A:
Basic Mechanisms
(1945).**
- 44-20 **Antiaircraft Artillery Guns and Accessories—Part XII, Section B:
Basic Mechanisms
(1945).**
- 44-21 **Antiaircraft Artillery Guns and Accessories—Part II: The 90-mm
AA Gun on M1A1 Mount—Section B: Leveling Mechanism,
Top Carriage Cradle
(1945).**
- 44-22 **Antiaircraft Artillery Guns and Accessories—Part II: The 90-mm
AA Gun on M1A1 Mount—Section C: The Gun Assembly
(1945).**
- *55-4 **Documentation of Freight—Part III: The Bill of Lading
(8 min—1952—Sound).**
- *55-6 **Stowing of General Cargo
(10 min—1953—Sound).**
- *55-10 **Making the March Graph
(15 min—1953—Sound).**
- *55-11 **Operation of Truck Terminals
(11 min—1955—Sound).**
- 55-14 **The Lead Line, Fathometer
(1952—From Coast Guard Film Strip SG 1689).**
- *55-15 **Methods of Governing Motor March Columns—Maintenance of Safe
Intervehicular Gap
(11 min—1955—Sound).**
- 55-18 **Rail Right-of-Way Maintenance and Repair—Elements of Maintenance
(20 min—1954).**
- *55-24 **Man Overboard Emergency Drill
(1955—Sound—Distribution to Central Film and Equipment Ex-
changes in CONUS and Transportation Command—From Navy Film
SN-370).**
- 55-26 **Piloting—Instruments Used in Piloting
(1955—Distribution to Central Film and Equipment Exchanges in
CONUS and Transportation Command—From Coast Guard Film
SG-3883A).**
- 55-27 **Piloting—The Magnetic Compass
(1955—Distribution to Central Film and Equipment Exchanges in
CONUS and Transportation Command—From Coast Guard Film
SG-3883B).**
- 55-28 **Piloting—Radio Direction Finder
(1955—Distribution to Central Film and Equipment Exchanges in
CONUS and Transportation Command—From Coast Guard Film
SG-3883E).**

*Sound film strip (SFS).

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- 55-29 Piloting—The Azimuth Circle and Pelorus**
 (1955—Distribution to Central Film and Equipment Exchanges in CONUS and Transportation Command—From Coast Guard Film SG-3883K).
- 55-30 Aircraft Carburetors**
 (1956—Color—Distribution to Central Film and Equipment Exchanges in CONUS—From Air Force Film FS 1-169).
- 55-33 Wright R-1820-65 and 97 Engine—Ignition Timing and Wiring**
 (1955—Distribution in CONUS only—From Air Force Film Strip FS 1-761).
- *61-10 Position Classification**
 (14 min—1952—Sound—Color—From Air Force Film Strip FS 1-2817).
- *61-13 Freedom of Opportunity**
 (1953—Sound—Commercial Adaptation).
- *61-14 Individual Output**
 (1953—Sound—Commercial Adaptation).
- *61-15 Getting Ideas Across**
 (1953—Sound—Commercial Adaptation).
- *61-16 Effective Management**
 (1953—Sound—Commercial Adaptation).
- *61-17 When You've Got a Problem**
 (1953—Sound—Commercial Adaptation).
- *61-18 The Will To Produce**
 (1953—Sound—Commercial Adaptation).
- *61-19 Understanding People**
 (1953—Sound—Commercial Adaptation).
- *61-20 Individual Adjustment**
 (1953—Sound—Commercial Adaptation).
- 61-21 Getting Results Through People**
 (1953—Commercial Adaptation).
- *61-23 Understanding Employee Viewpoint**
 (24 min—1955—Sound—Distribution in CONUS only—Commercial Adaptation).
- *61-24 Error Correction Talk**
 (24 min—1955—Sound—Distribution in CONUS only—Commercial Adaptation).
- *61-25 Motivating the Long Service Employee**
 (24 min—1955—Sound—Distribution in CONUS only—Commercial Adaptation).
- *61-26 Orientation and Induction**
 (24 min—1955—Sound—Distribution in CONUS only—Commercial Adaptation).
- *61-27 Combating Job Monotony**
 (24 min—1955—Sound—Distribution in CONUS only—Commercial Adaptation).

*Sound film strip (SFS).

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- *61-28 Excessive Supervision**
(24 min—1955—Sound—Distribution in CONUS only—Commercial Adaptation).
- *61-29 A Partnership in Progress**
Explains purpose and features of the Federal Incentive Awards Program—How it benefits the supervisor, worker, management, and taxpayer—Plan is outlined—How it can assist other management programs (30 min—1958—Color—Sound—Commercial Adaptation).
- *61-30 Examining the Will to Work**
How incentives motivate better work performance; how the supervisor can build proper employee attitudes to obtain optimum production (73 Frames—14 min—1960—Color—Commercial Adaptation—Distributed to AF&EEs for certain Ordnance installations in CONUS).
- *61-31 The Federal Incentive Awards Program**
A review of the accomplishments of the program since its inception, covering the period 1955-1958; contributions in 1958 detailed (35 Frames—16 min—1959—Color—Commercial Adaptation—Distributed to CF&EEs in CONUS and OS).
- *61-40 Report of Federal Incentive Awards Program—Fiscal Year 1959**
Behind-the-scenes account of employee suggestions and superior job performance in Government Agencies in 1959—Merits of program for progress and national defense—(118 Frames—27 min—1960—Color—Commercial Adaptation—Narration on tape 7.5 ips).
- *80-2 On-the-Job Supervision—Part I: The Cost of an Error**
(1944—Sound).
- *80-3 On-the-Job Supervision—Part II: Spotting Immediate Training Needs**
(1944—Sound).
- *80-4 On-the-Job Supervision—Part III: The Job Break-down**
(1944—Sound).
- *80-5 On-the-Job Supervision—Part IV: The Four Steps**
(1944—Sound).
- *80-7 On-the-Job Supervision—Kinda Give It Your Personal Attention**
(1944—Sound).
- *80-8 Stop, Look, and Question**
(1945—Sound).
- *80-16 Foundation for Good Job Relations**
(1945—Sound).
- *80-19 Effective Deputization**
(1948—Sound—Commercial Adaptation).

*Sound film strip (SFS).

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63. Slide Kit (SK)

The slide kit (SK) was introduced to assist in the training of anti-aircraft personnel in the recognition of aircraft.

SK Device

5-QQ-8 Aircraft Recognition

Views of aircraft of US, United Kingdom, Soviet Union, and certain other nations—For the training of antiaircraft personnel in aircraft recognition (1953—Approximately 1,000 slides, 2" x 2", mounted on cardboard, with illustrated index and carrying case—Supplementary Kit No. 1 consists of 113 slides, 2" x 2", in cardboard mounts—1954—Supplementary Kit No. 2 consists of 257 slides, 2" x 2", in cardboard mounts—1955—Supplementary Kit No. 3 consists of 133 slides, 2" x 2", in cardboard mounts—1956).

64. Phono-Recordings (R)

<i>DA Record No.</i>	<i>Title</i>	<i>Speed (rpm)</i>	<i>Size</i>
	ALBUM OF RECORDS (With Pamphlet) SPEECH AND SOUND—A PROFESSIONAL COURSE IN PUBLIC SPEAKING		
1	Lesson I Side I: Expression Side II: Voice Placement	78	12"
2	Lesson II Side I: Informative Talks Side II Practice Side	78	12"
3	Lesson III Side I: Descriptive Talks Side II Practice Side	78	12"
4	Lesson IV Side I: Conference Talk Side II Practice Side	78	12"
5	Lesson V Side I: Controversial Side Side II: Practice Side	78	12"
6	Lesson VI Side I: Story Telling Side II: Practice Side	78	12"

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<i>DA Record No.</i>	<i>Title</i>	<i>Speed (rpm)</i>	<i>Size</i>
	<i>Bugle Calls</i>		
	(Set of 2 Records)		
R-1-----	Side 1:	78	12''
	First Call		
	Reveille		
	Assembly		
	Mess Call		
	Sick Call		
	Drill Call		
	Side 2:		
	Retreat		
	To The Color		
	Tattoo		
	Call to Quarters		
	Taps		
R-2-----	Side 1:	78	12''
	Attention		
	Church Call		
	Fatigue		
	Fire Call		
	1st Sgt. Call		
	Guard Mounting		
	Side 2:		
	Mail Call		
	Officers Call		
	Pay Day		
	Recall		
	School Call		
	<i>Battlenoise Records</i>		
	(Set of 3 Records)		
R-3-----	Side 1:	78	12''
	Airplane		
	Antitank		
	Rifle		
	Machine Gun Tanks		
	Side 2:		
	Airplane		
	Bombs		
	Machine Guns		
R-4-----	Side 1:	78	12''
	Airplane		
	Bombs		
	Ricochets		
	Machine Guns		
	Side 2:		
	Artillery Barrage		

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<i>DA Record No.</i>	<i>Title</i>	<i>Speed (rpm)</i>	<i>Size</i>
R-5 -----	Side 1: Artillery Barrage Airplane Antitank Rifle Machine Gun Tanks Side 2: Machine Gun Bursts and Continuous Close	78	12''
R-6 -----	Army Radio Code Aptitude Tests (Set of 4 Records) March Music Recordings (Set of 3 Records)	78	12''
R-7 -----	Side 1: Invercargill Official West Point March March Medley The Stars and Stripes Forever Side 2: The Washington Post March Colonel Bogey Bombasto On The Square Chicago Tribune The Thunderer	33½	16''
R-8 -----	Side 1: Our Director The Chimes of Liberty Garde de Corps La Regiment de Sambre et Meuse Lights Out The Boys of the Old Brigade Side 2: Barnum and Bailey's Royal Pageant March Old Comrades The Black Horse Troop The Southerner The Fight Is On Them Basses	33½	16''
R-9 -----	The Star Spangled Banner (1 Side Only) National Anthems (Set of 5 Records)	33½	12''
R-10 -----	Side 1: Argentina Bolivia Side 2: Brazil Canada	78	12''

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<i>DA Record No.</i>	<i>Title</i>	<i>Speed (rpm)</i>	<i>Size</i>
R-11 -----	Side 1: Chile Colombia—Costa Rica Side 2: Cuba—Ecuador Great Britain	78	12''
R-12 -----	Side 1: Guatemala Haiti Honduras Side 2: Mexico, Nicaragua Panama	78	12''
R-13 -----	Side 1: Paraguay, Peru Side 2: San Domingo, San Salvador	78	12''
R-14 -----	Side 1: U.S.A., Venezuela Side 2: Uruguay <i>Jamming Signals</i> (2 Records)	78 33⅓	12'' 12''
R-15 -----	Side 1: Jamming Signals—Stepped Tones Side 2: Jamming Signals—Random Keying Side 3: Jamming Signals—Noise Side 4: Combination of: Stepped Tones Random Keying Noise		
R-16 -----	<i>Individual CBR Test—1954</i> (2 double-sided records) (Distribution to Central Film and Equip- ment Exchanges in CONUS).	33⅓	16''

SECTION IV

ALPHABETICAL INDEX OF FILM TITLES

65. General

a. Use this index only when the exact title of a film is known. Motion pictures and film strips are listed in this section alphabetically by complete titles. The words, "A," "An," and "The," are not used as the first word of any title but are retained. For example, the title "The Army Engineer" is indexed under "Army Engineer" and the word "The" is retained. When the first word in a title is a number, it is indexed alphabetically as if the number were spelled out. For example, the title "90-mm Antiaircraft Gun—Part I," is listed under "N," as though the number were spelled "Ninety-mm."

b. The following types of films have been omitted from this section since they have no specific titles:

Combat Bulletins

Staff Film Reports

Information on the above types of film is contained in the numerical index (sec. III) and the category index (sec. II).

c. Armed Forces Screen Magazines with no specific titles have been omitted from this section. Information on this type of film is contained in the numerical index (sec. III) and the category index (sec. II).

d. When the number of the film is obtained from this index, consult the numerical index for detailed information.

e. Use the category index to locate films for training and information programs.

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FB 9-238	Aberdeen Proving Ground.....	230
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*Sound film strip (SFS).

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